

Contract No. GS35F4155D

(Unclassified)

PHASE II REPORT

USAF LOGISTICS PROCESS OPTIMIZATION STUDY for the Aircraft Asset Sustainment Process

AFLMA Project LM9731101

Volume III of III

Future To Be Asset Sustainment Process Model

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31 December 1998

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1.0 BACKGROUND

In March 1998, HQ USAF/ILXI reviewed the AFLMA/Intergraph Reengineering Team's As Is and To Be process models and requested the team develop a To Be model for a more distant future asset sustainment scenario, unconstrained by today's logistics information systems limitations. The team developed the initial 'distant future' To Be process model after reviewing published Air Force documents on vision, future doctrine, and mission forecasts.

2.0 METHODOLOGY

We reviewed sources including:

- Air Force 2025
- Joint Vision 2010
- Supply 2000
- Quadrennial Defense Review
- Air Force Long Range Plan
- Air Force Logistics Strategic Plan
- DOD Logistic Strategic Plan
- Global Engagement: A Vision for the 21st Century Air Force
- Global Combat Support System Concept of Operations
- 1998 Scientific Advisory Board report on Air Expeditionary Force (AEF) concepts

Using these publications, the AFLMA/Intergraph Reengineering Team merged the presented concepts with current technology and functional momentum. The result was the team's outlined perception of an IDEF-3 future (roughly 10-20 years out) logistics process model.

This future model is based on the team's understanding of the strategic vision and reflects processes meant to:

- Increase efficiency and speed of Air Force logistic systems
- Eliminate redundant, overlapping processes between stove-piped organizations
- Increase the reliability of the logistic systems (including data accuracy)
- Provide an overarching model for the development of all future Air Force logistics

This future process model incorporates current technologies as well as future, emerging technologies. The team did not limit the process model to steps required by current legacy systems, processes, or functional stovepipes.

The model incorporates the principles of Shared Data Environment (SHADE), improved Reliability Centered Maintenance (RCM), increased automation and world-wide web utilization, Forward Support Locations (FSLs), centralized weapon systems management, Expeditionary Aerospace Forces (eAF), and Agile Combat Support concepts.

3.0 DISCUSSION

At the request of Lt Gen William Hallin, HQ USAF/IL, the concepts and process impacts built into the future model were briefed to his deputy and the HQ USAF/IL directorates on 21 and 22 May 1998. The IL staff, in general, agreed that there is benefit to having a process-centric reengineering approach; however, they could not reach consensus on a unified view regarding the future vision of logistics.

Contentious issues included centralized weapons system management and the concept of using forward support locations (more specifically whether they would be established on a regionalized or ad hoc basis). While the concept, as it was presented in our briefing, advocated one centralized office to resolve logistics support shortfalls, some of the IL staff indicated they disagreed with this concept. In their opinion, Air Force leadership seemed to be leaning toward decentralized control and reliance on automated decision tools such as EXPRESS, Standard Base Supply processes, and the Military Standard Requisitioning and Issue Procedures (MILSTRIP) to determine priorities and outcomes for critical asset support to the war fighter.

Use of Forward Support Locations (FSLs) for Agile Combat Support was a relatively new concept with many different interpretations of the implementation methodology. While there appeared to be agreement on the probability of future reliance on FSLs to achieve agile logistics, there was also disagreement. Views appeared to be divided upon whether FSLs should be established based upon peace-time operating locations for specific regions or whether FSLs should be established on an ad hoc basis depending on the theater of operations and type of crisis response.

While the IL staff did agree there is a need to have a vision, methodology, and process that can be used to focus and monitor logistics improvements, they did not necessarily support the use of this project as a vehicle to develop that future vision. The staff agreed that the lack of consensus indicated there is the need for an IL meeting with the "future of logistics" as a topic.

4.0 CONCLUSION

The inability of the IL staff to reach a consensus on the methods needed to achieve the logistics goals and objectives outlined in future doctrine indicates the need for an IL meeting with the future of logistics as a topic. The purpose of this meeting should be

twofold: 1) to foster discussions on the future processes and concepts for logistics and 2) to establish written strategic direction for all future efforts from reengineering to logistics information system modernization. The ideas presented and embedded in this Future To Be Asset Sustainment Process Model can be used to initiate these discussions. As the future relies heavily on Joint operations, coordination with other services is warranted to obtain their vision.

Benefit from using these Future To Be Asset Sustainment Process Model include:

1. Use as an overarching model to be the framework and guide for all future logistics studies and improvement efforts. Using this framework provides IL with a "road map" to determine which areas need further work, and the priority that work should be given. The model would also serve as a guidepost to insure the studies are all working towards the same end goal.
2. Use as a blueprint for developing future logistics information systems. Each process within the model contains "placeholders" where data requirements can be specified in detail and the interrelationship of each data element to data needed by other systems can be examined.

5.0 RECOMMENDATIONS

1. HQ USAF/IL establish and publish a strategic vision that successfully bridges strategy to operations planning that will provide specific insight for implementing the logistics goals and objectives outlined in future doctrine.
2. Once this occurs, use the Future To Be Asset Sustainment Process Model presented in this volume as a starting point to refine the logistics processes of the future.
3. After a new Future Model has been developed, promote its use for refining logistics information systems architecture(s) and shared data requirements.

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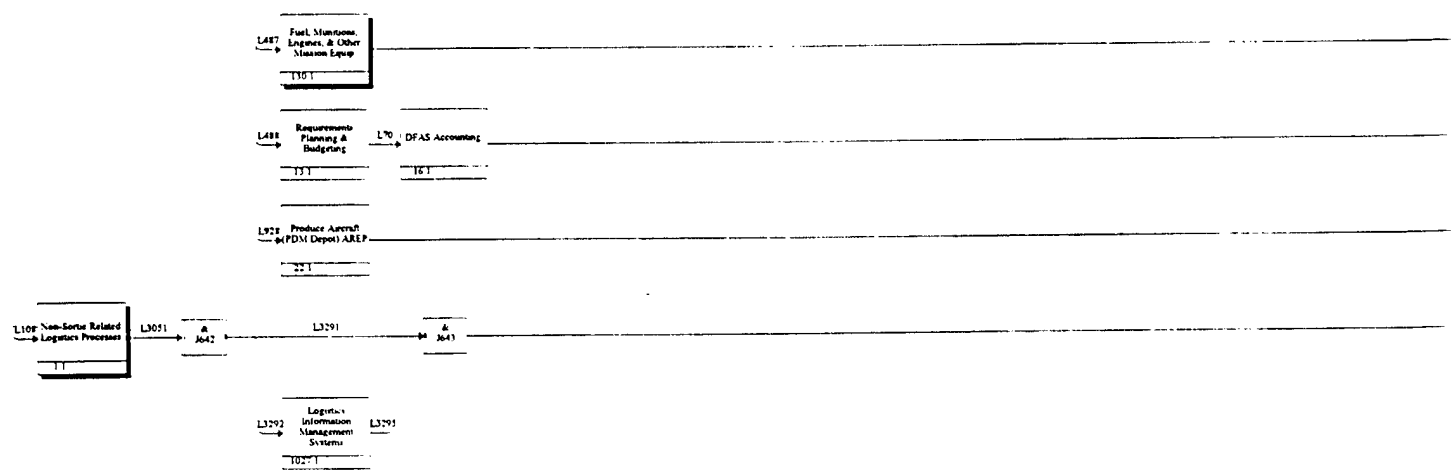
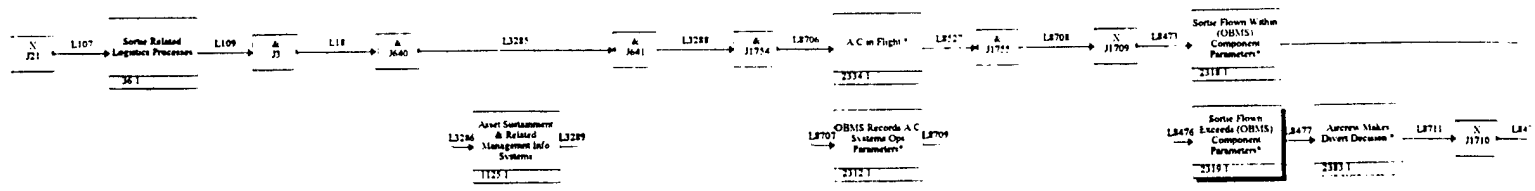
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Scenario: Future To Be Asset Sustainment Process

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Project: Future To Be- Asset Sustainment Process; Date: 10/29/98

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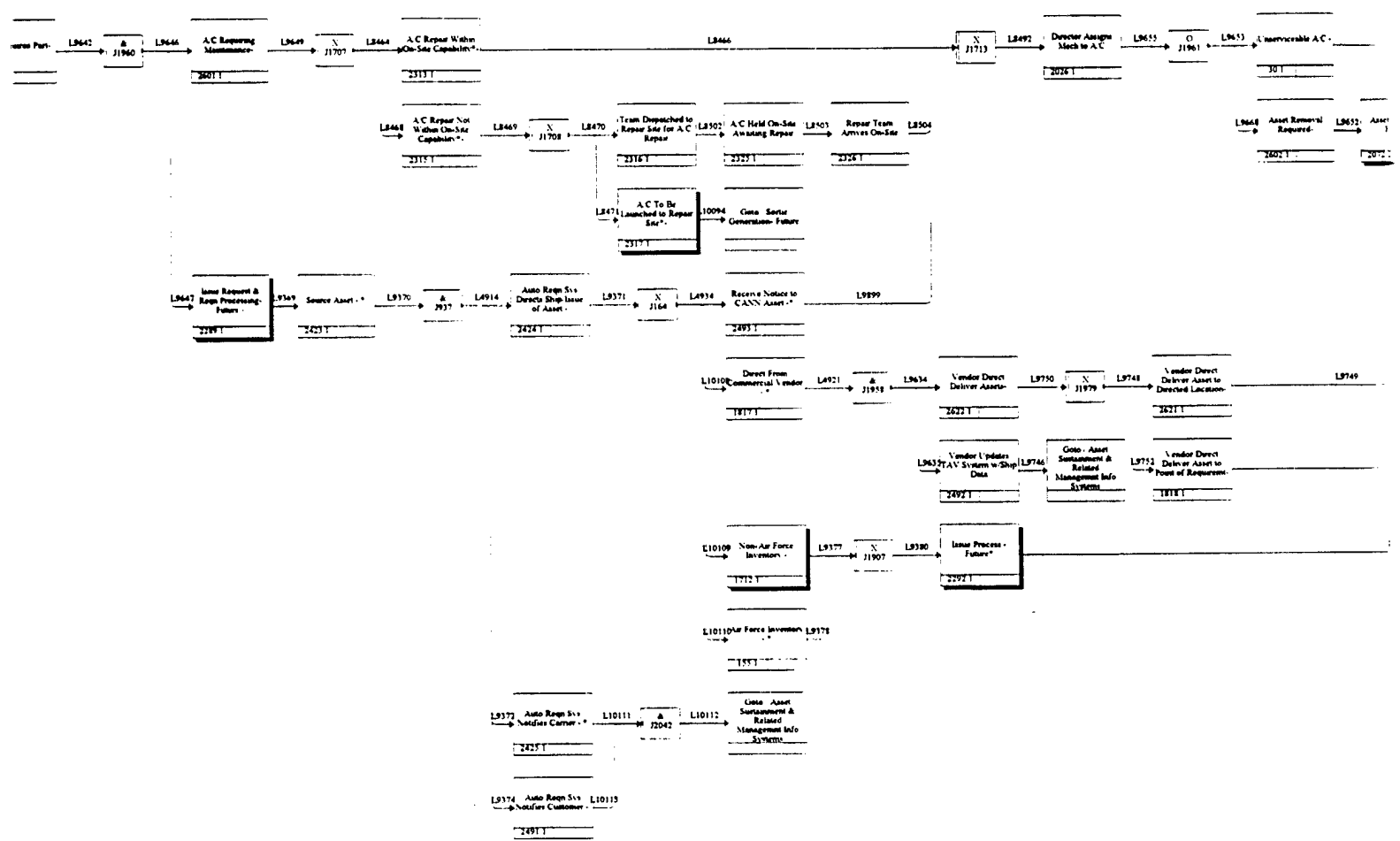


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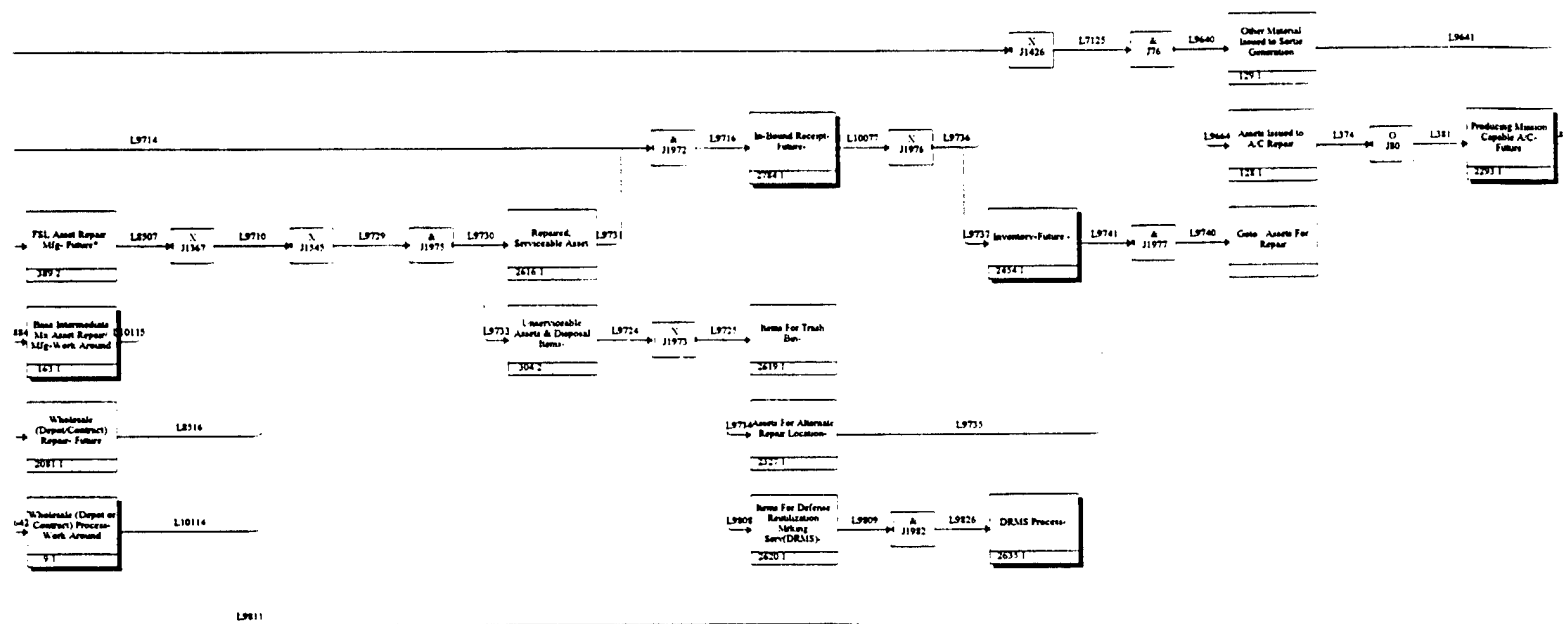


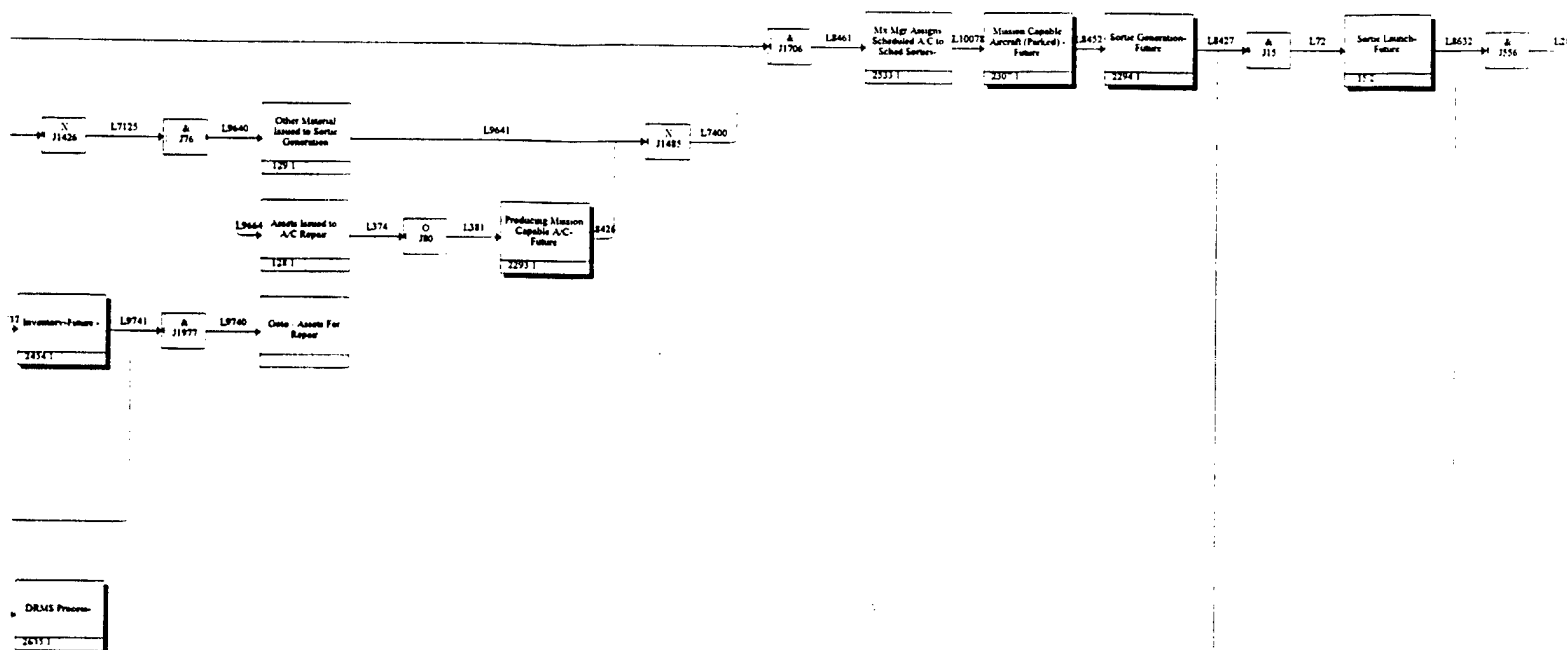
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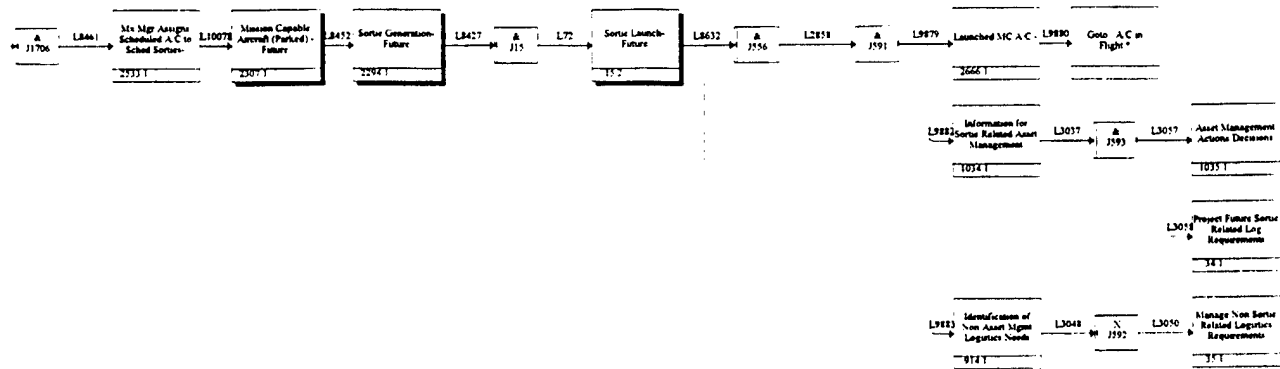


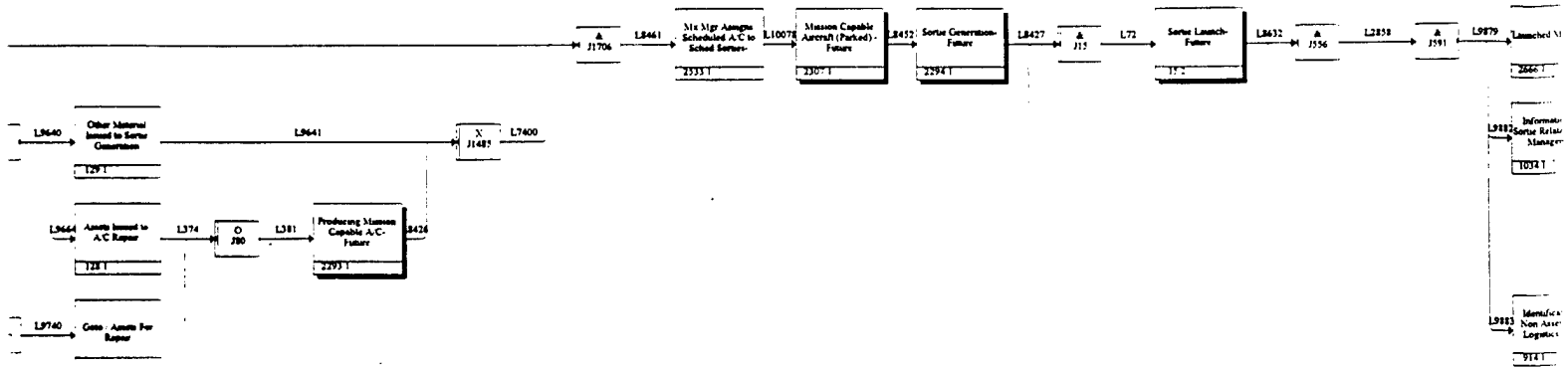
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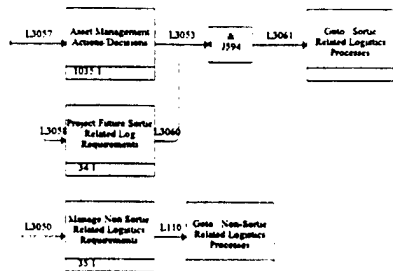


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Process Flow Decomp: In-Bound Receipt- Future-

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☐ In-Check Container @ 7891.1

☐ In-Check Asset @ 7890.1

☐ SSSS Search for Existing Asset Due-Out @ 7897.1

☒ L9911

☐ L9912

☐ L9913

☐ Due Out Exist @ 7884.1

☐ SSSS Tech Itemize Due Out Priority @ 7886.1

☐ SSSS Generate A Due Out Release (DD1148-1) @ 7885.1

☐ Tech Issues Due-Out Release @ 7877.1

☐ L9914

☐ Servicable Asset For Issue @ 7883.1

☐ L9915

☐ Geo: Servicable Asset (15) @ 7888.1

☐ L9916

☐ Attach The Notice To Stock Label To The Asset @ 7881.1

☐ SSSS Generate A Notice To Stock (Geo) Label @ 7882.1

☐ L9917

☐ Tech Move Asset To Storage Location @ 7880.1

☐ L9918

☐ Tech Status Asset In Warehouse @ 7879.1

☐ L9919

☐ Geo: Inventory (144) @ 7878.1

Process Flow Decomp: Evaluate Post Flight Data

| | | | | | | |
|--|-------------------------------------|-------------------|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team | Date: 10/29/98 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| <div>Post Flight Data L9814 2644.1</div> <div>Trajectory Flight Data or Control Database L9814 2645.1</div> <div>Constant Spline Data to Trend Line L9815 2647.1</div> <div>Constant Trend L9818 2648.1</div> <div>Trend Deconvolving L9819 2649.1</div> <div>RCM Analysis L9842 2652.1</div> <div>Weapon System Record Update L9840 2653.1</div> <div>Data Storage L9841 2651.1</div> | | | | | | |

Process Flow Decomp: DRMS Process-

| | | | | | | | | | | | | | | | |
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| Project: Future To Be-Asset Sustainment Pro | Rev: 1 | Time: 10:14:40 | | | | | | | | | | | | | |
| Notes: 1 2 3 4 5 6 7 8 9 10 | | | | | | | | | | | | | | | |
| <div>DRMO Turn-In Asset 2337.1</div> | | | | | | | Start Per Guide to Update Location & Accountability L9812 2325.3 | X J1637 L9813 | Calculated DRMO L9814 2336.1 | Left Pick-Up & Delivery Service L9815 2337.1 | Start Per Guide to Update Location & Accountability L9816 2335.6 | Data System Update Inventory File L9817 2338.1 | Data System Update Inventory File L9818 2338.1 | Start Per Guide to Update Location & Accountability L9822 2337.1 | DRMO Asset Sustainment Life Sys (1145) |
| | | | | | | | Start Per Guide to Update Location & Accountability L9821 2336.1 | Data System Select Appropriate Supplier L9821 2336.1 | Data System Select DRMO L9820 2338.1 | Generic Asset Movement Form (2100) L9822 2336.1 | | | | | |
| | | | | | | | Remove Located DRMO L9819 2338.1 | | | | | | | | |
| Node: | Title: DRMS Process- | | | | | Number: Pg 19 | | | | | | | | | |

Process Flow Decomp: Inventory-Future

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graph TD
    A[Asset Received for Inventory - 2403.1] -- L9249 --> B[Tech Spec Request of Asset from Local In Sys - 2403.1]
    B -- L9250 --> C[Local In Sys Assigns Storage Location - 2443.1]
    C -- L9251 --> D[Tech Spec Phase - 2447.1]
    D -- L9253 --> E[Tech Spec Review - 2448.1]
    E -- L9254 --> F[Asset in Inventory - 2403.1]
    E -- L9254 --> G[Local In Sys Updates Central DB - 2443.1]
    G -- L9255 --> H[Go To Asset Start & Rel Mgmt In Sys (1155) - 2446.1]
  
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Node:

Title: Inventory-Future

Number: Pg 21

Process Flow Decomp: Evaluate Troubleshooting Data-

Used At:
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Release

Author: AFLMA Reengineering Team
Project: Future To Be-Asset Sustainment Pro
Notes: 1 2 3 4 5 6 7 8 9 10

Date: 10/29/98
Rev: 1
Time: 10:00:30

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Evaluate Troubleshooting Data -
2009.I

L8801

Determine Parts Requirements -
2010.I

L8804

X
J1760

L8803

Part is Not Required -
2006.I

L8810

J1763

Determine Who will Repair -
2008.I

L8814

Troubleshoot Repair Location and Selected Activities -
2013.I

Part is Required -
2007.I

L8806

J1762

L8813

Regulation Part -
2011.I

Title: Evaluate Troubleshooting Data-

Number: Pg 23

Process Flow Decomp: Sortie Recovery- Future -

Process Flow Decomp: Sortie Flown Exceeds (OBMS) Component Parameters

| | | | | | | | | | | | | | | | |
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| Used At: Not Approved for Public Release | | Author: Project: Notes: | | AFLMA Reengineering Team Future To Be- Asset Sustainment Pro 1 2 3 4 5 6 7 8 9 10 | | Date: 10/29/98 Rev: 1 Time: 09:59:07 | | Working x Draft Recommended Publication | | READER | | DATE | | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. | |
| <div>OBMS Records As-Is Excluded From Parameters 2338.1</div> <div>OBMS Transmits In-flight Failure Data to Satellite 2339.1</div> <div>OBMS Transmits Failure Data to Central Data Sys 2339.1</div> <div>Satellite Sys Transmits Data to Central Data Sys 2339.1</div> <div>Altitude Conducts Inspection/Troubleshooting 2337.1</div> <div>Altitude Reports Altitude Failure Data 2338.1</div> | | | | | | | | | | | | | | | |
| Node: | | Sortie Flown Exceeds (OBMS) Component Parameters | | | | | | | | | | Number: Pg 28 | | | |

Process Flow Decomp: A/C To Be Launched to Repair Site*.-

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| Used At: Not Approved for Public Release | Author: Project: Notes: | AFLMA Reengineering Team Future To Be-Asset Sustainment Pro Rev: 1 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 10:01:42 | Working x Draft Recommended Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| <div>Ms Mgr Receives Notification to Prepare A/C 2323.1</div> | | | | | | | |
| Node: | | Title: A/C To Be Launched to Repair Site* | | | Number: Pg 30 | | |

Process Flow Decomp: Mission Capable Aircraft (Parked) - Future

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| Node: | Title: Mission Capable Aircraft (Parked) - Future | Number: Pg 32 |
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Process Flow Decomp: Sortie Generation- Future

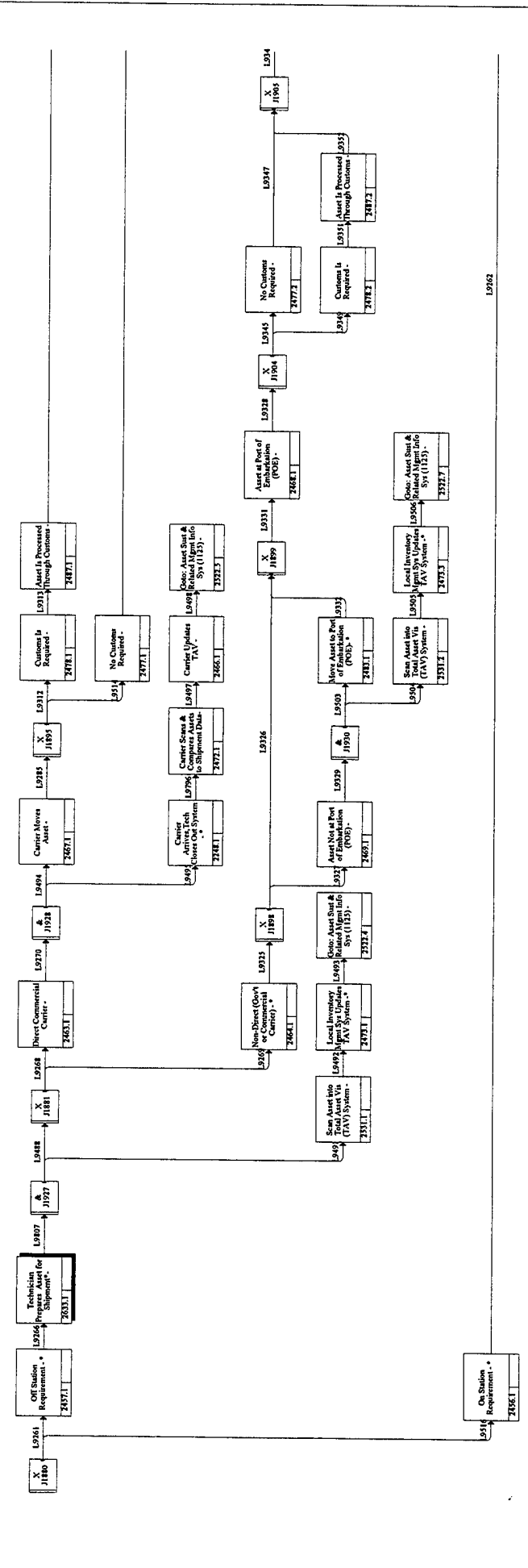
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| Notes: 1 2 3 4 5 6 7 8 9 10 | | Time: 10:17:21 | | | | |
| <div>Asset Sustainment Management System (1125)</div> | | | | | | |
| Node: | | Title: Sortie Generation- Future | | Number: Pg 35 | | |

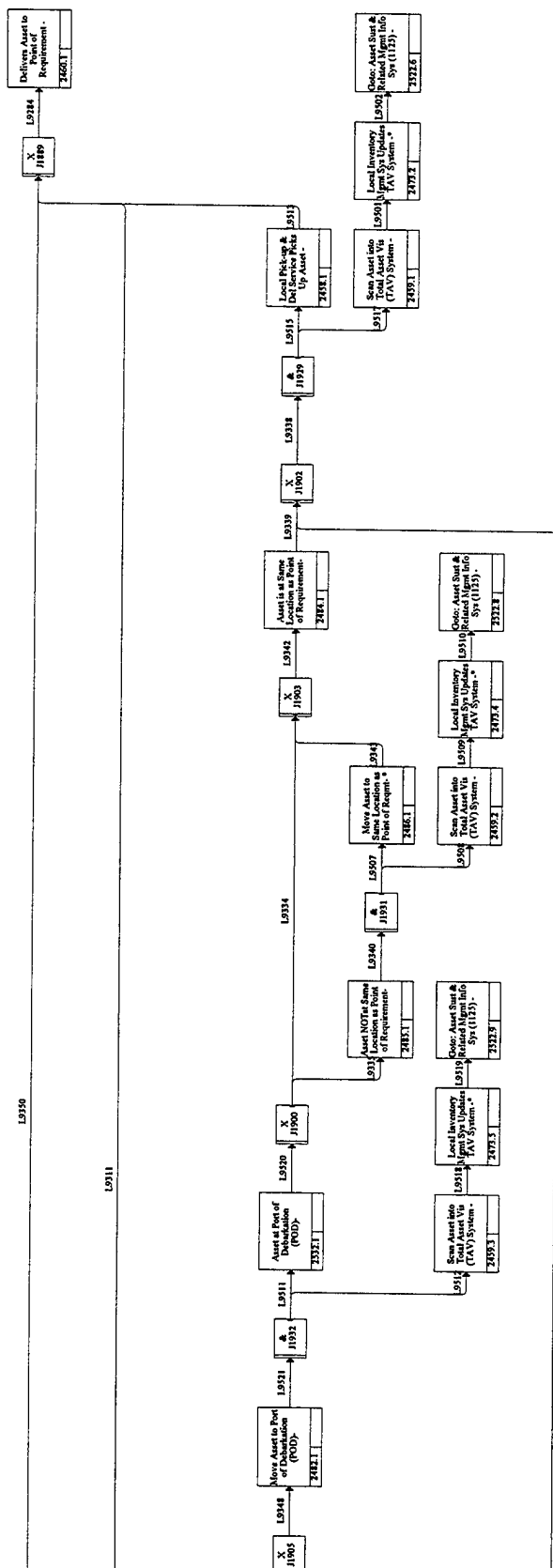
Process Flow Decomp: Producing Mission Capable A/C- Future

Process Flow Decomp: Issue Process - Future*

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| | | | | | | | |
| | | | | | | | |
| <div>19704 Local Inv Mgmt System Identifies Asset Location - 24341</div> <div>19706 Local Inv Sys Identifies Asset to Remove Asset - 24351</div> <div>19718 Technician Removes Asset from Inventory - 24351</div> <div>19907 Tech Reent Asset & Updates Loc Inv System - 24351</div> | | | | | | | |
| Node: | Title: Issue Process - Future* | | | | | Number: Pg 40 | |

Process Flow Decomp: Asset Movement - Future





Process Flow Decomp: Issue Request & Reqn Processing- Future -

Process Flow Decomp: Asset Removal- Future-

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| Project: Future To Be- Asset Sustainment Pro | Rev: 1 | | <input checked="" type="checkbox"/> Draft | | | Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| Notes: 1 2 3 4 5 6 7 8 9 10 | Time: 10:03:44 | | <input type="checkbox"/> Recommended | | | |
| | | | <input type="checkbox"/> Publication | | | |

X

L9753

Mechanic Remove Asset Using PMA.

2823.1

L9753

L9754

A/C This Scribe With Delayed Discrepancy.

2824.1

L9753

L9757

Removed Asset.

2825.1

L9754

L9755

Scan Asset.

2826.1

L9754

L9756

Clear Remnant Work Order (Auto).

2827.1

L9754

L9757

Automatic Notice of Asset Removal.

2827.1

L9756

L9759

Automatic Update to A/C Configuration.

2828.1

L9756

L9761

Automatic Update to A/C Subsystem.

2829.1

L9761

L9762

Automatic Update to Record.

2829.1

L9762

L9763

Automatic Update to Inventory.

2829.1

L9763

L9764

Clear Asset System & Related System Sys (1125).

2831.1

Process Flow Decomp: Identify Failure- Future

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|---|---|--|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team Project: Future To Be- Asset Sustainment Pro Notes: 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 10:00:09 | Working Draft Recommended Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
|---|---|--|--|--------|------|---|

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graph TD
    Start([Mr Tech Reviews PMA in Troubleshooting PMA  
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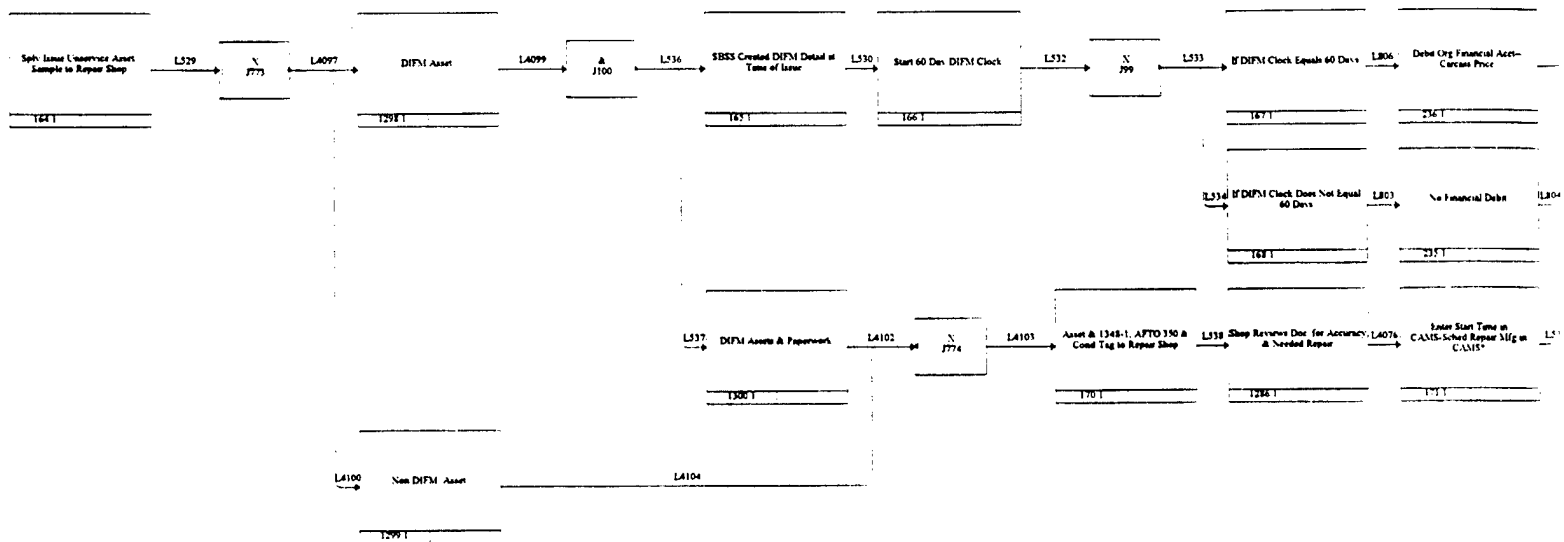
Process Flow Decom: Non-Air Force Inventory

| | | | | | | |
|--|-------------------------------------|-------------------|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team | Date: 10/29/98 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| Project: Future To Be- Asset Sustainment Pro Rev: 1 | | | | | | |
| Notes: 1 2 3 4 5 6 7 8 9 10 Time: 10:02:15 | | | | | | |
| <div>Requisition Transmitted to DAAS *</div> <div>DAAS Sorts Transmitted by Identifier</div> <div>DAAS Requisition Request to SOS</div> <div>Does it Warrant (Dept or Priority) Priority</div> | | | | | | |
| Node: | | | | | | |
| Title: Non-Air Force Inventory | | | | | | |
| Number: Pg 51 | | | | | | |

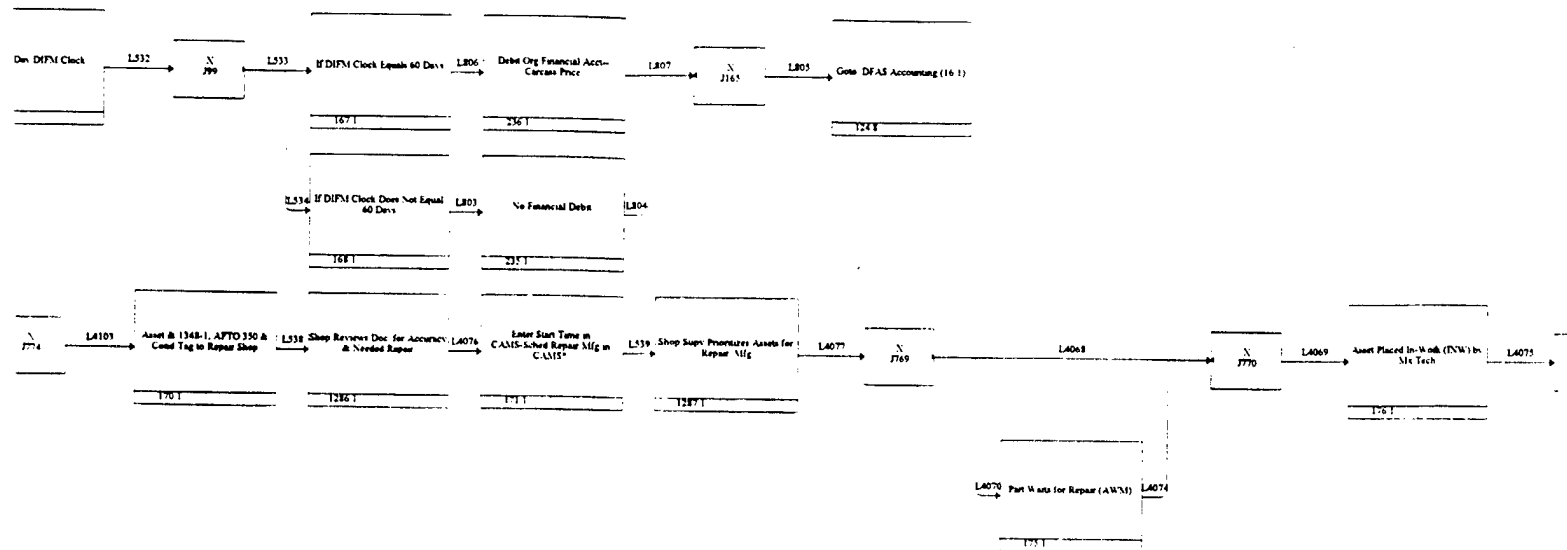
Process Flow Decomp: Base Intermediate Mx Asset Repair/ Mfg-Work Around

Project: Future To Be- Asset Sustainment Process; Date: 10/29/98

t Repair/ Mfg-Work Around



| | | | |
|---------------------|-------------|--------|------|
| Date: 10/29/98 | Working | READER | DATE |
| ment Process Rev: 1 | x Draft | | |
| Time: 10:06:57 | Recommended | | |
| | Publication | | |



READER

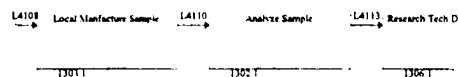
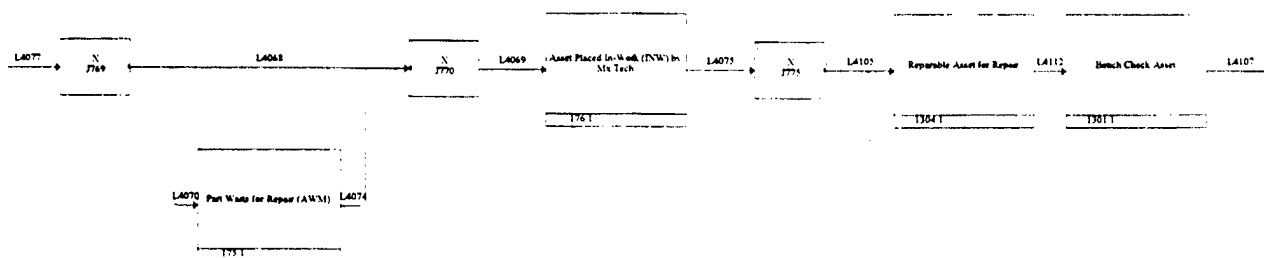
DATE

Context

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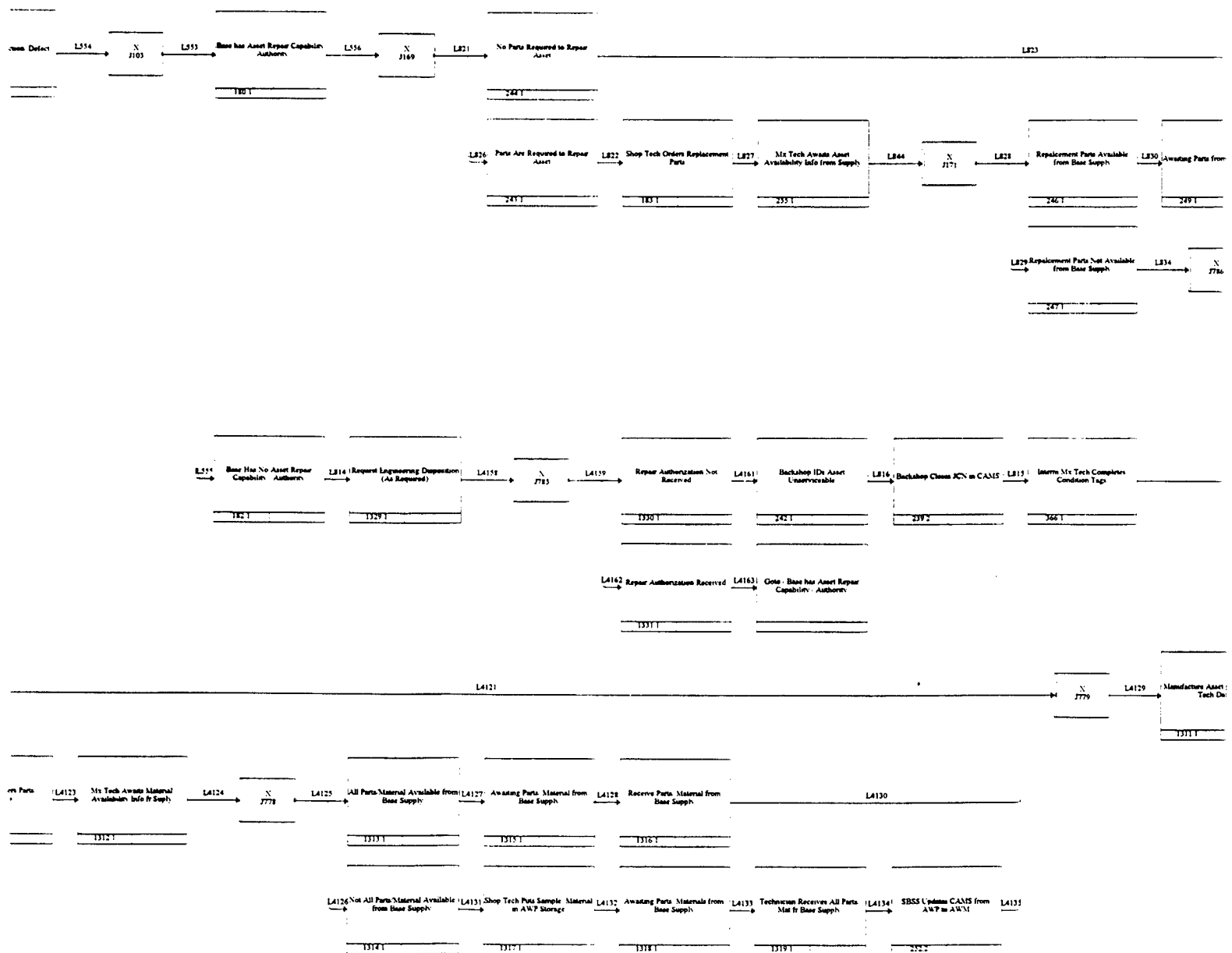
Get DFAS Accounting (16 1)

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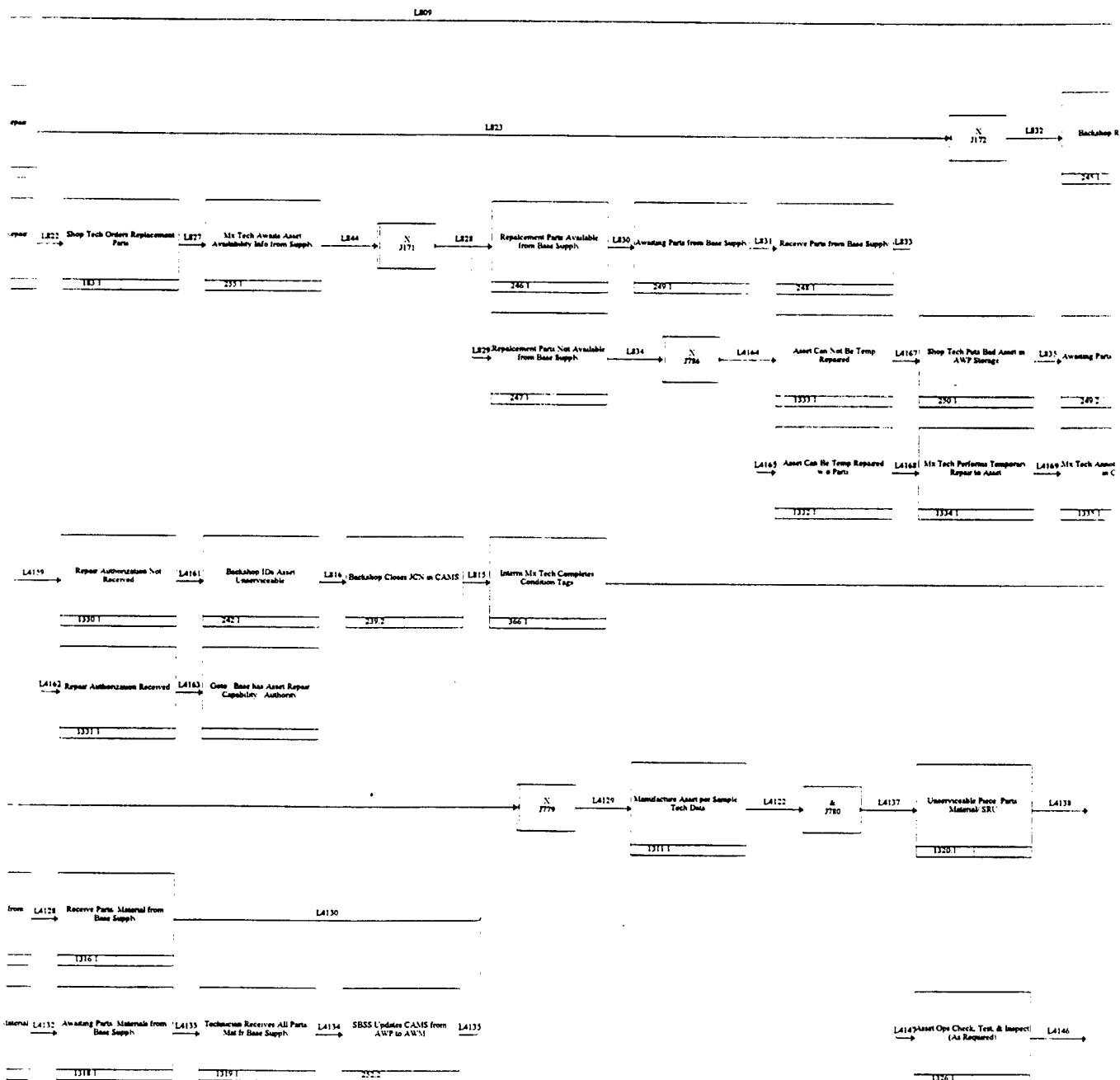
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| Time: 10:06:57 | Publication | | |

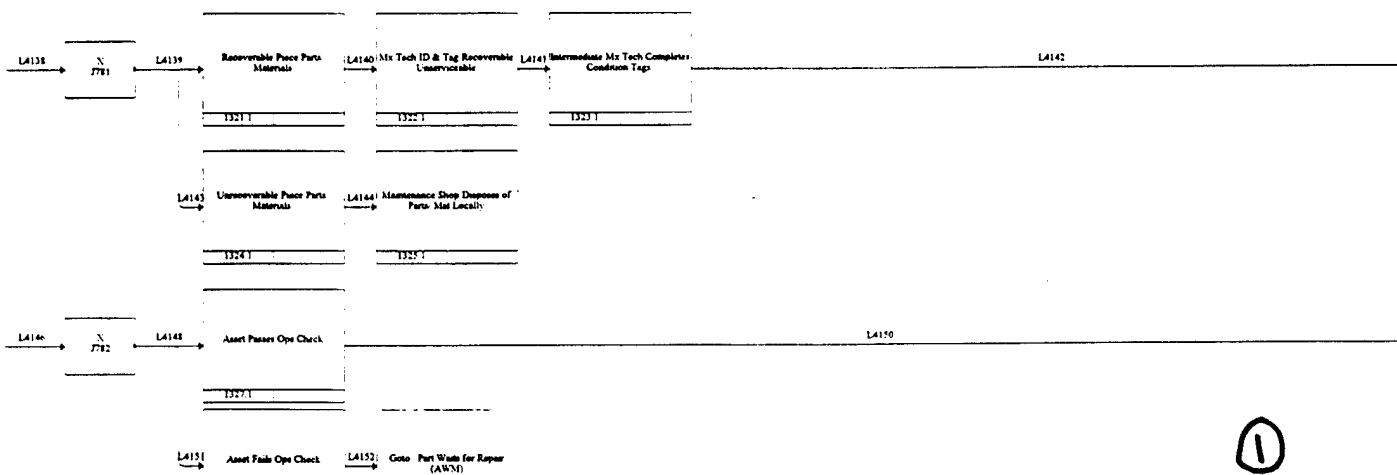
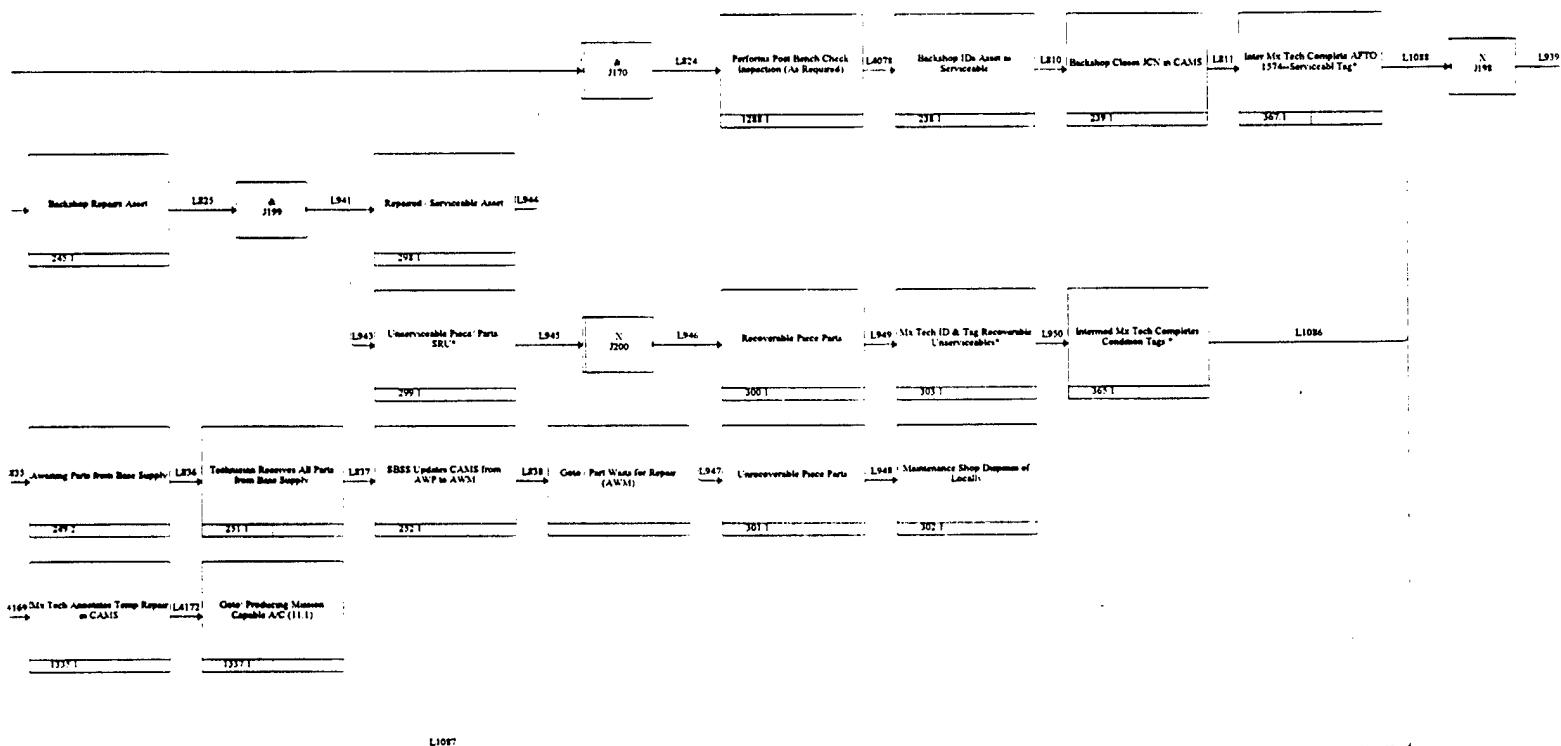
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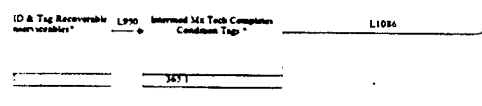
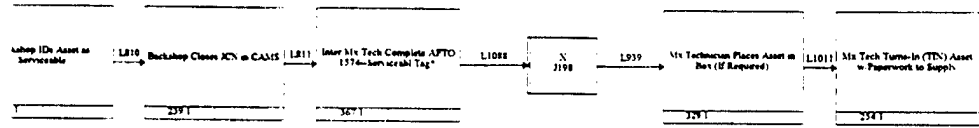
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also Shop Disposes of Locals

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can Place Asset in (If Required) (L1011) Ma Tech Turn-in (TEN) Asset in Paperwork to Supply

254.1

3

Process Flow Decomp: Fuel, Munitions, Engines, & Other Mission Equip

| | | | | | |
|---|---|--|--|------|---|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team Project: Future To Be- Asset Sustainment Pro Notes: 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 09:59:21 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
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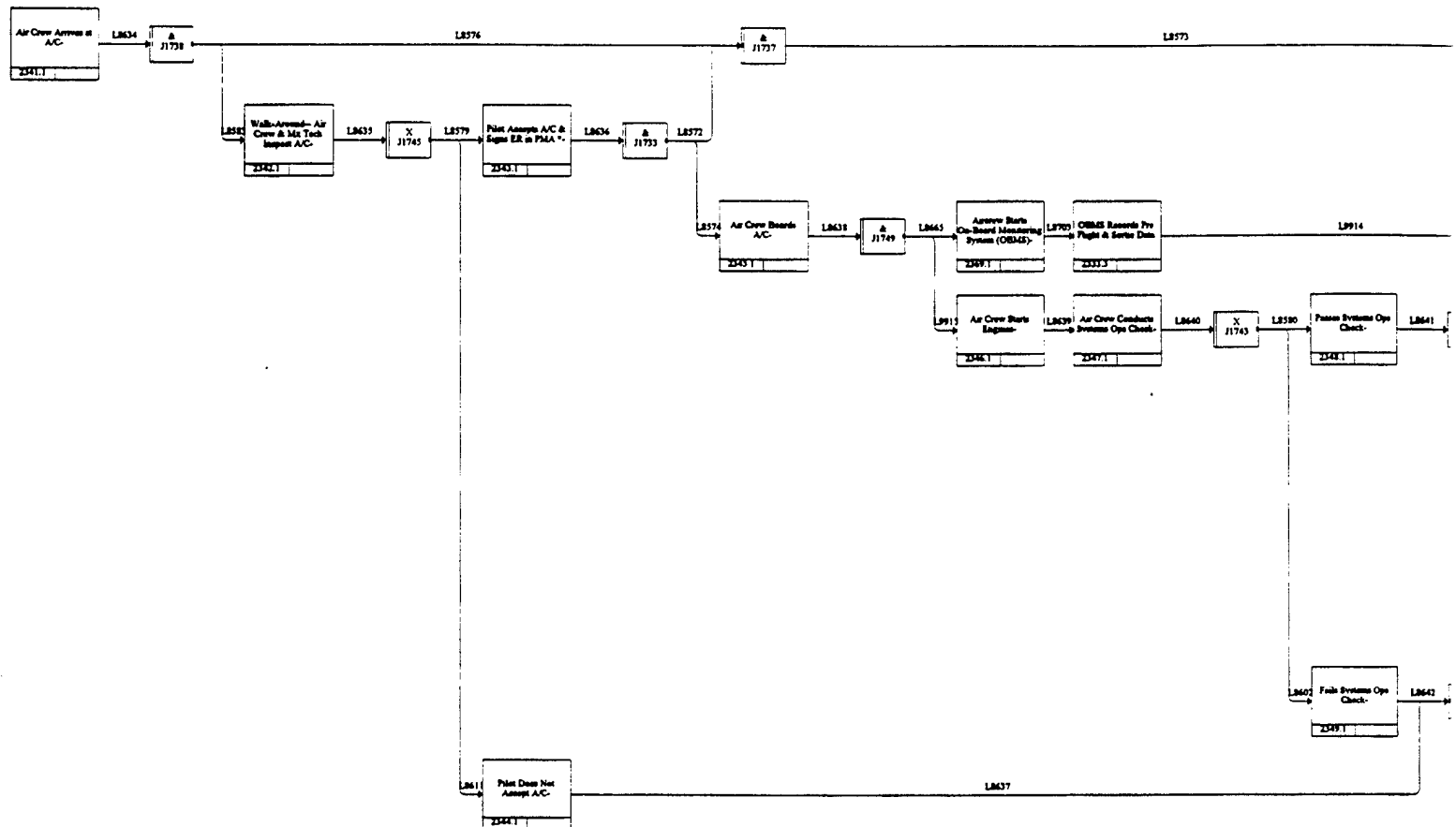
| | | |
|-------|--|---------------|
| Node: | Title: Fuel, Munitions, Engines, & Other Mission Equip | Number: Pg 64 |
|-------|--|---------------|

Process Flow Decomp: Sortie Launch- Future

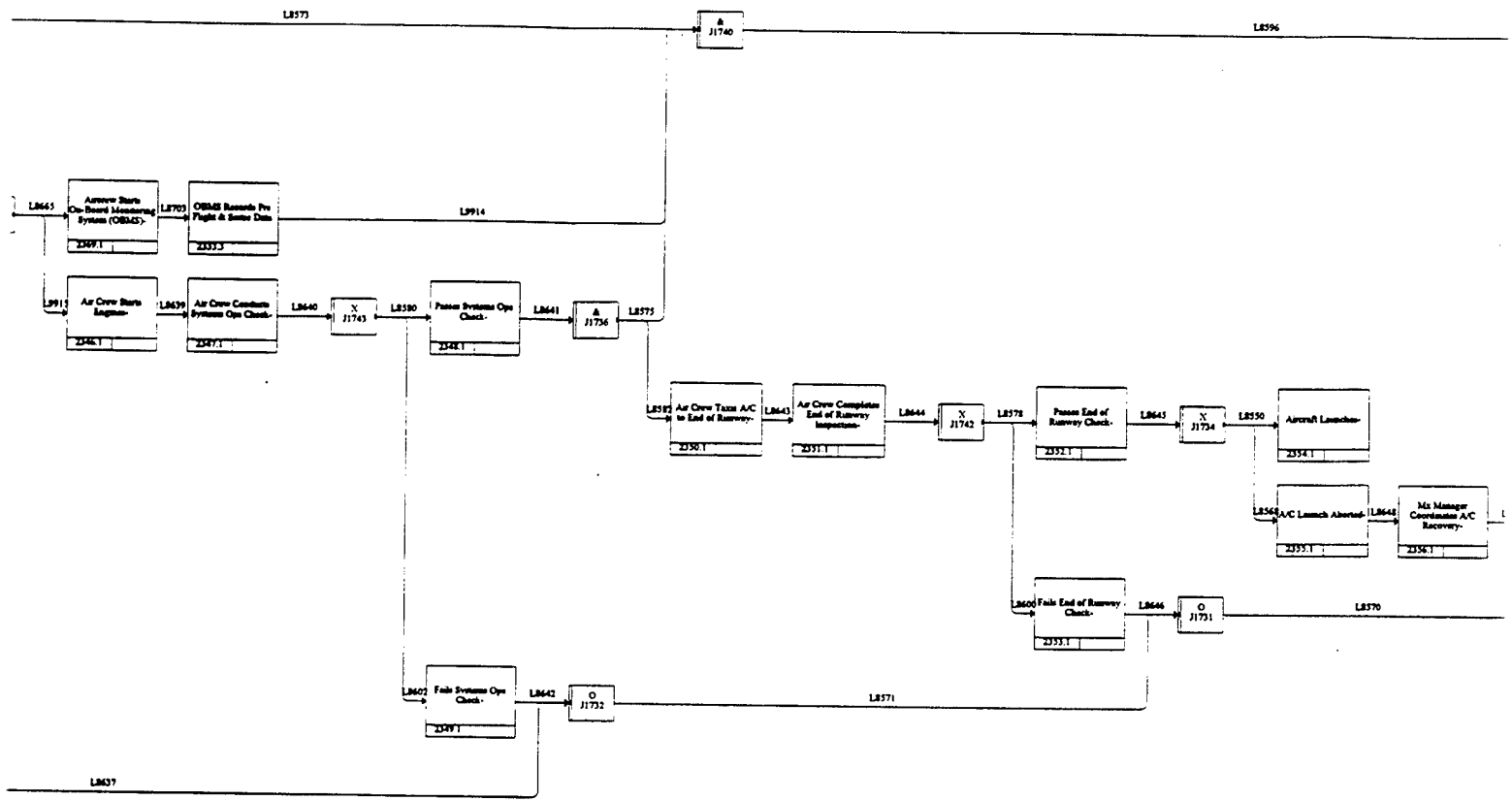
Project: Future To Be- Asset Sustainment Process; Date: 10/29/98



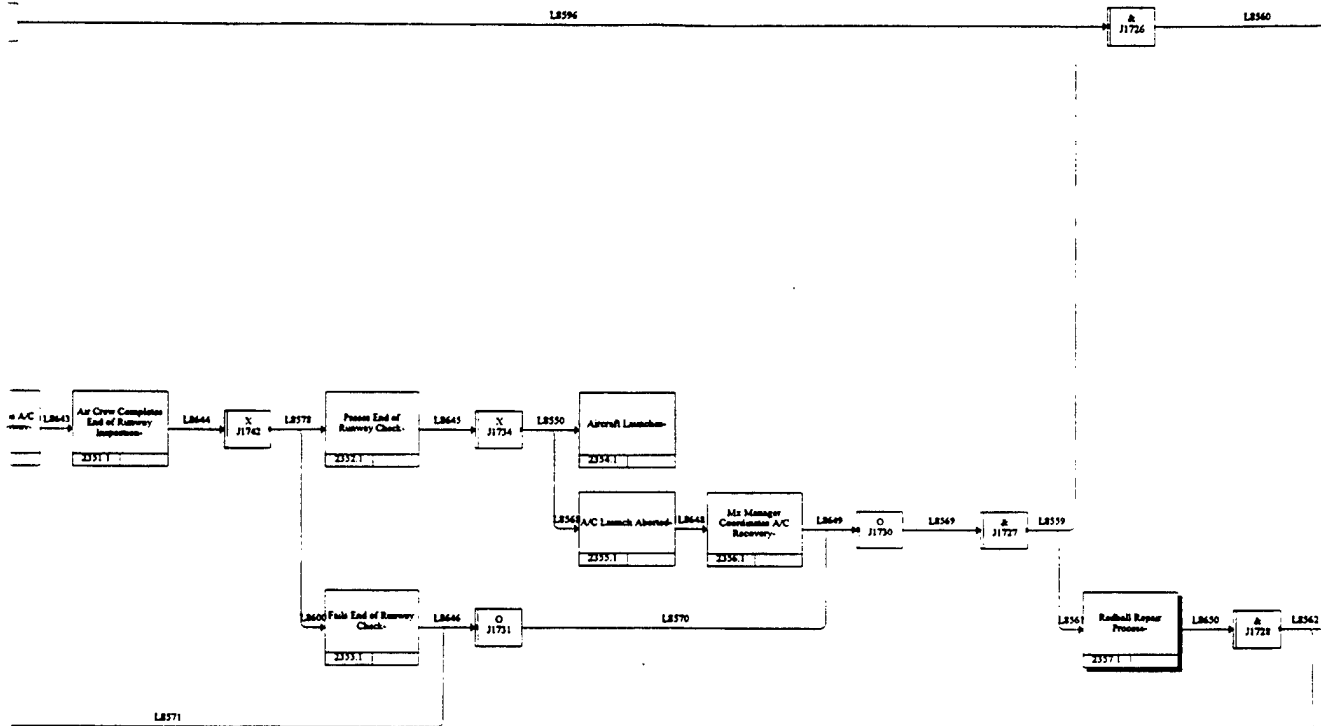
inch- Future

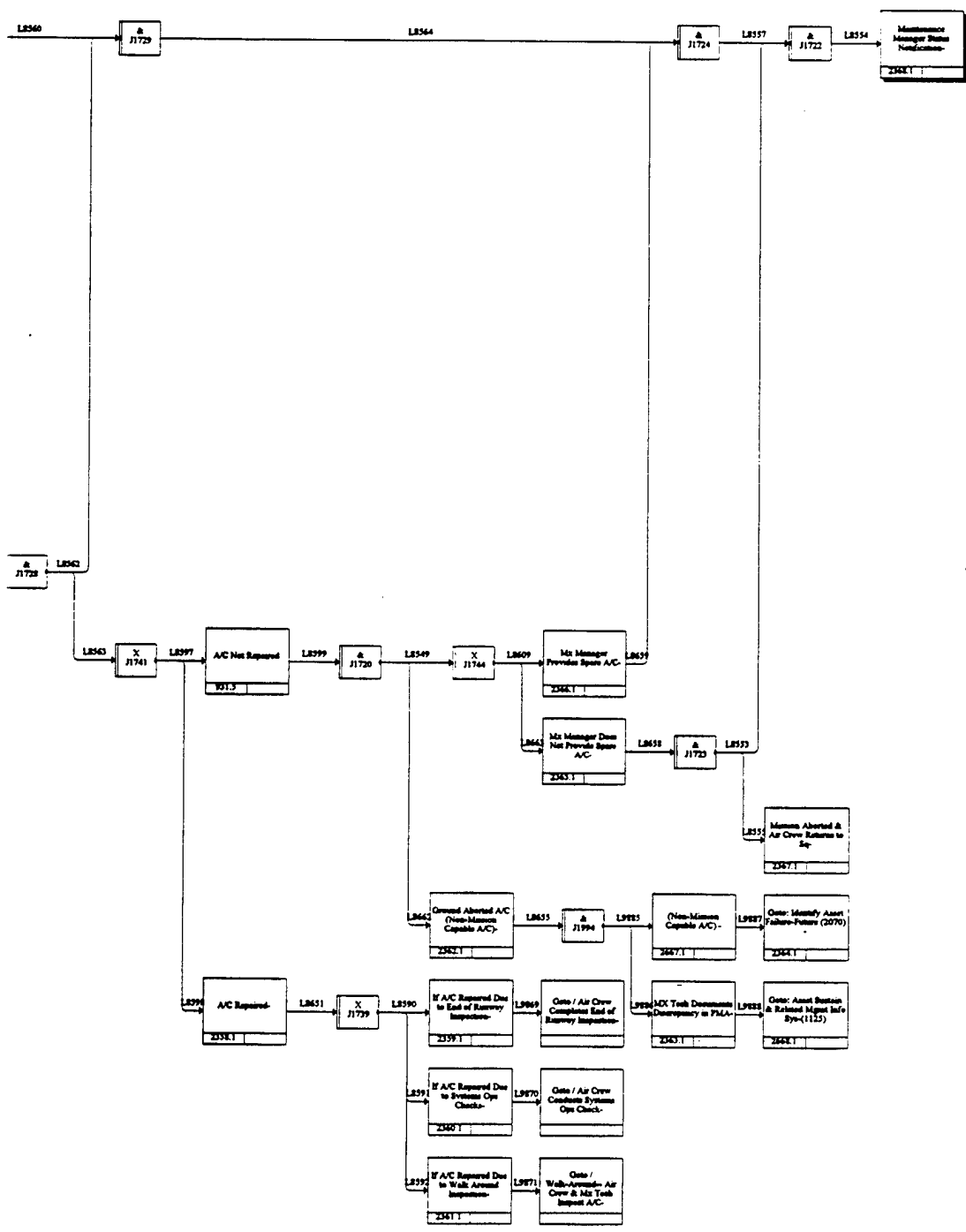


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| Date: 10/29/98 | Working | READER | DATE |
| nt Process Rev: 1 | x Draft | | |
| Time: 10:18:32 | Recommended | | |
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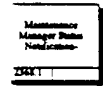


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| Date: 10/29/98 | | Working | READER | DATE | |
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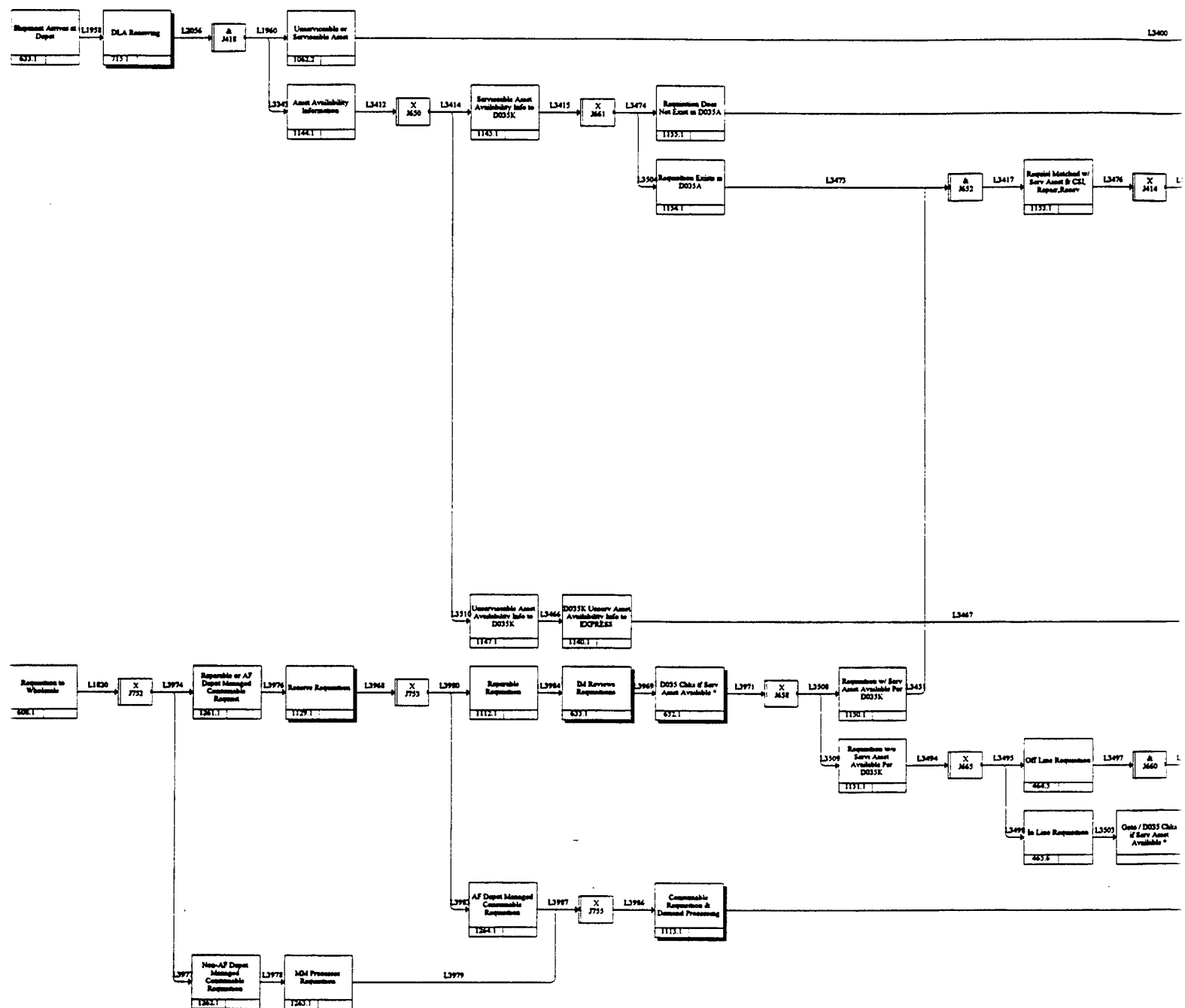
| | READER | DATE | Context |
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Process Flow Decomp: Wholesale (Depot or Contract) Process- Work Around

Project: Future To Be- Asset Sustainment Process; Date: 10/29/98

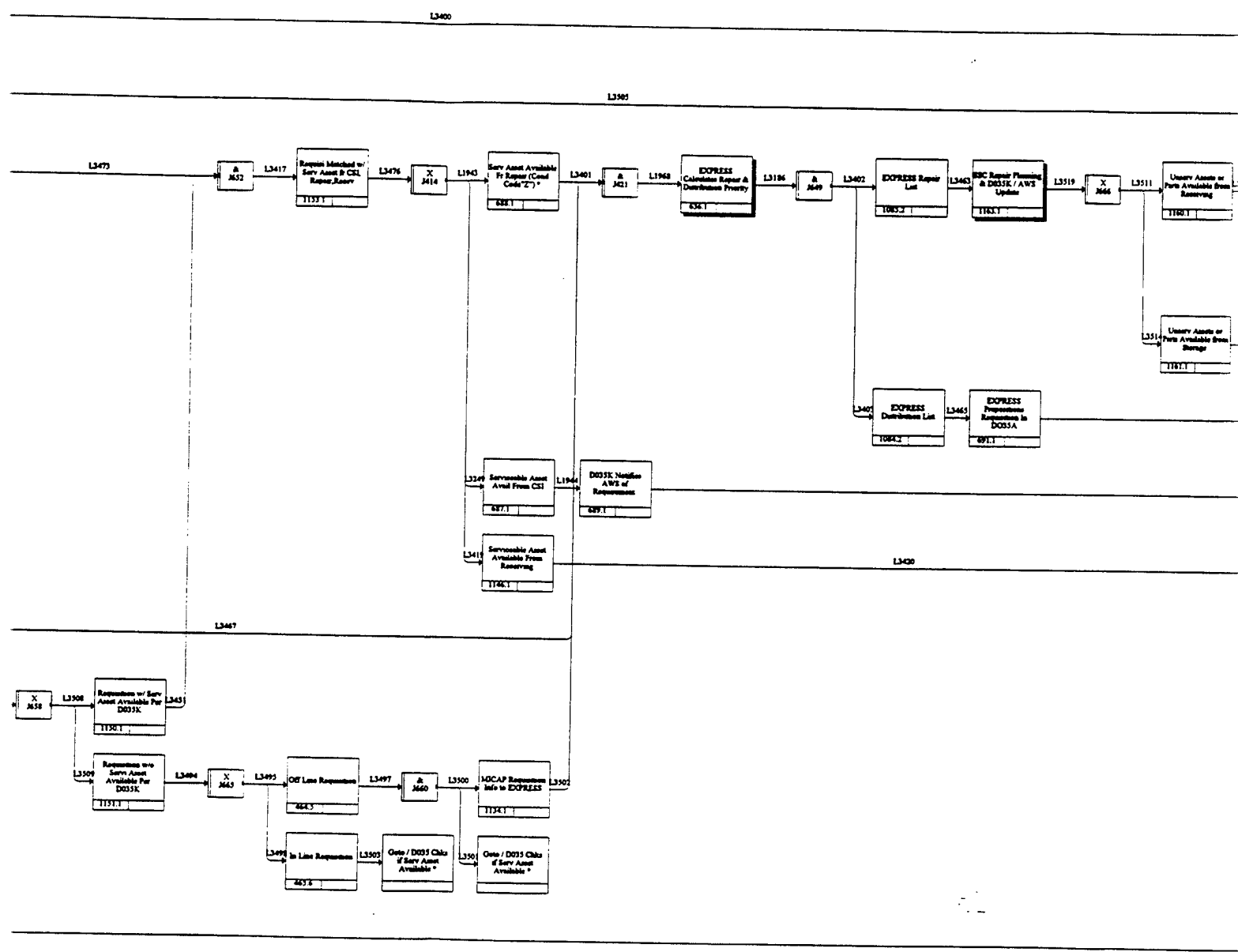
act) Process- Work Around

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| At | Author: | AFLMA Reengineering Team | Date: | 10/29/98 | | Workin |
| ot Approved for Public Release | Project: | Future To Be- Asset Sustainment Process | Rev: | 1 | x | Draft |
| | Notes: | 1 2 3 4 5 6 7 8 9 10 | Time: | 10:07:24 | | Recon |
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| Date: 10/29/98 | Working | READER | DATE |
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| | Recommended | | |
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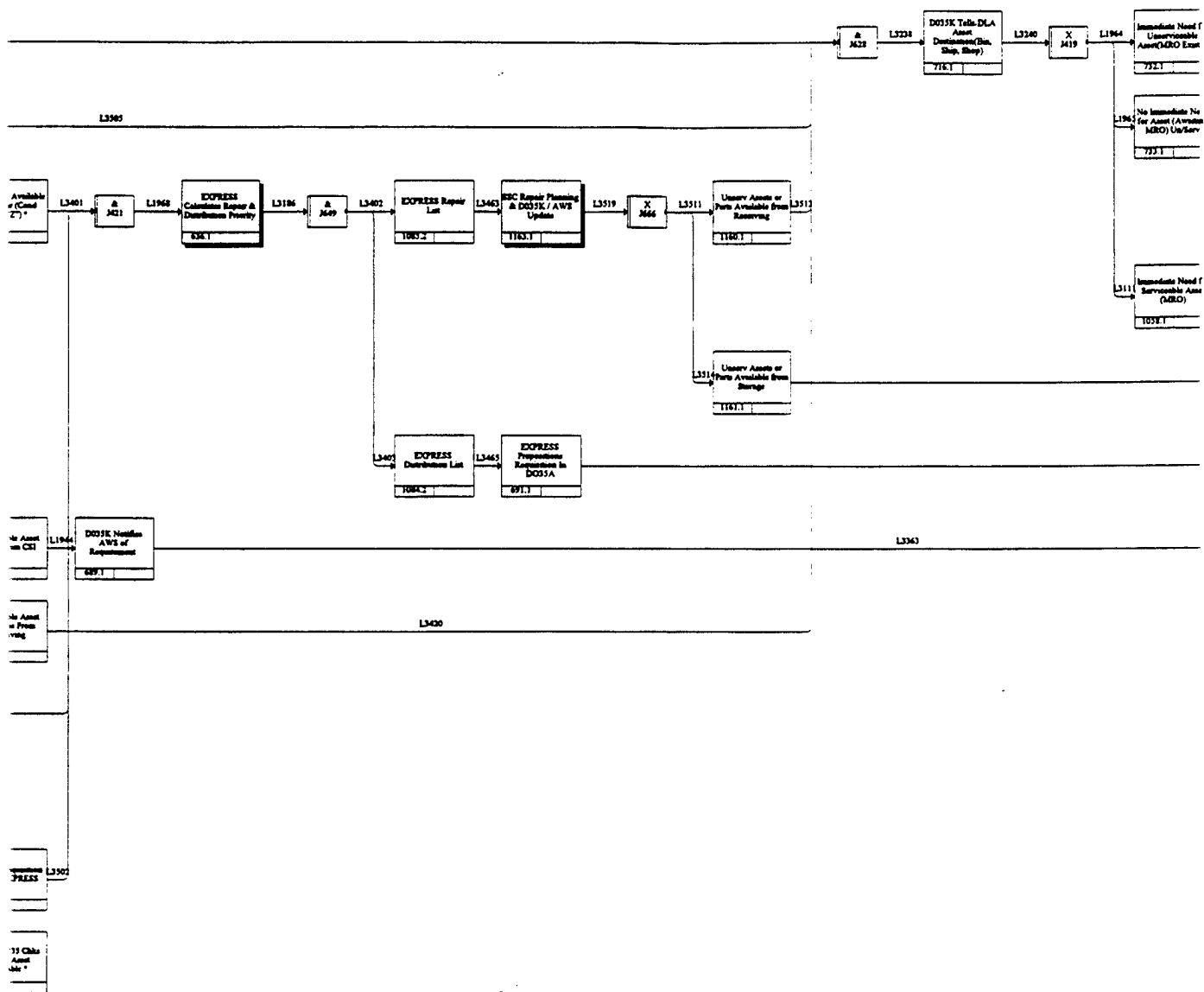


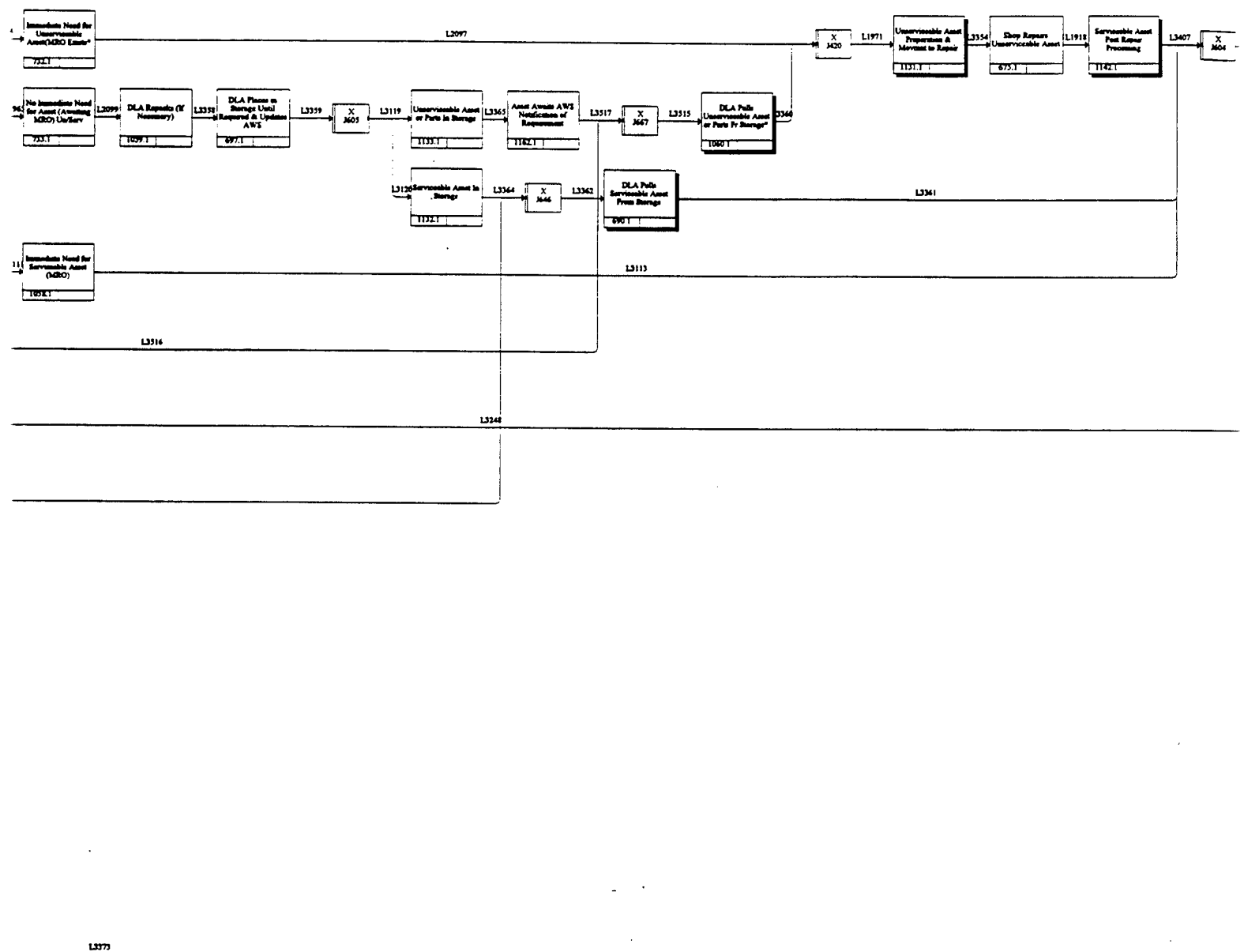
READER

DATE

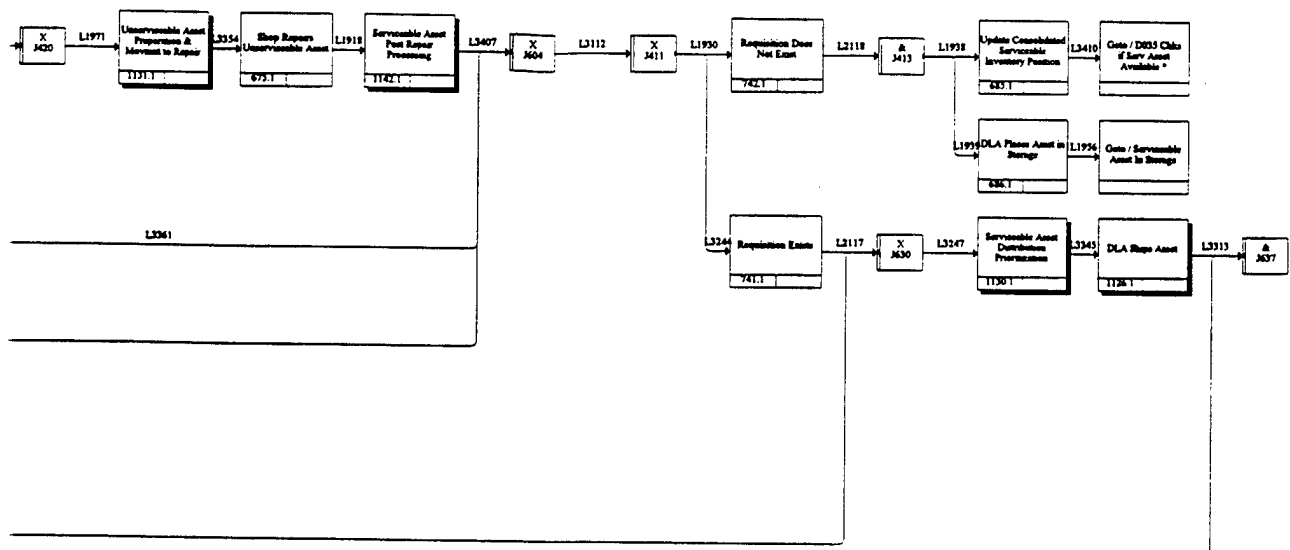
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| Date: 10/29/98 | | Working | READER | DATE | N re of up |
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| | | Recommended | | | |
| Time: 10:07:24 | | Publication | | | |

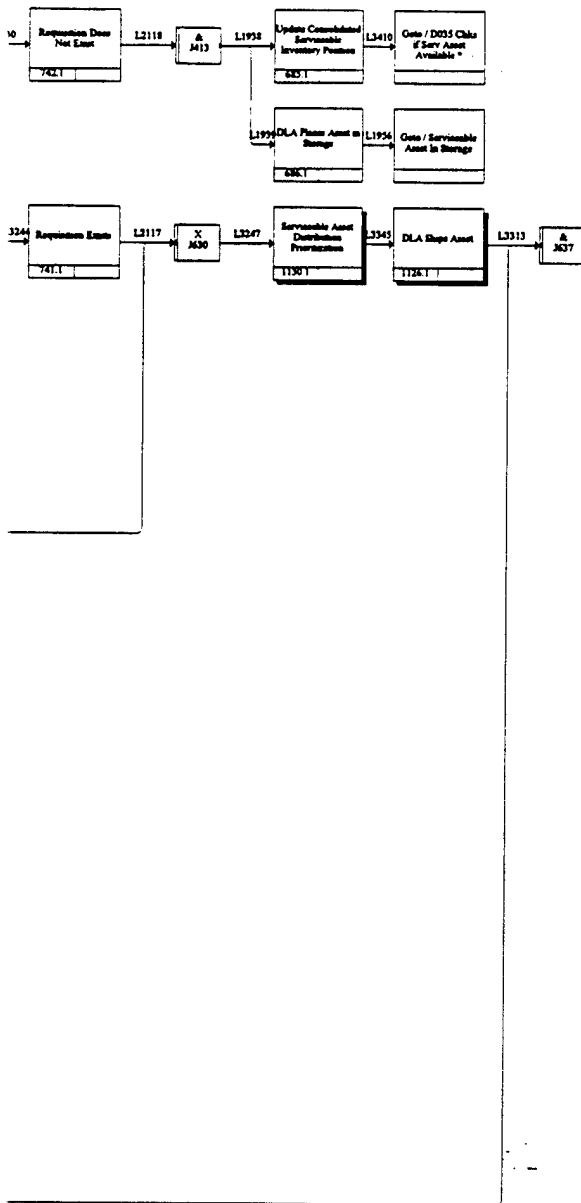


READER

DATE

Context

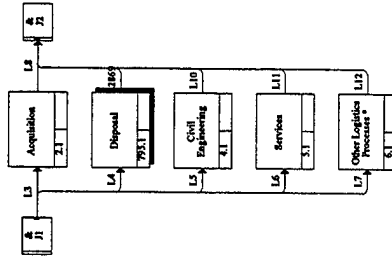
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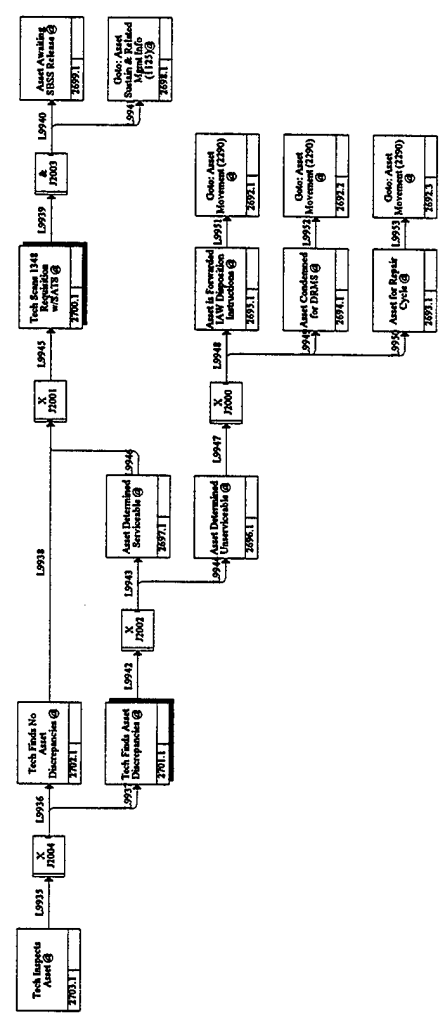
3

Process Flow Decomp: Non-Sortie Related Logistics Processes

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|---|----------|------------------------------------|-------|----------|---------|--------|------|---|
| Used At: Not Approved for Public Release | Author: | AFLMA Reengineering Team | Date: | 10/29/98 | Working | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| | Project: | Future To Be-Asset Sustainment Pro | Rev: | 1 | X | | | |
| | Notes: | 1 2 3 4 5 6 7 8 9 10 | Time: | 09:59:34 | | | | |
| | | | | | | | | |



Process Flow Decomp: In-Check Asset @



Process Flow Decomp: In-Check Container @

| Used At: | Author: | Date: | Working | Reader | DATE | Context |
|---------------------------------|--|----------------|-------------------------------------|--------|------|--|
| Not Approved for Public Release | Project: Future To Be- Asset Sustainment Pro | Rev: 1 | <input checked="" type="checkbox"/> | | | Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| | Notes: 1 2 3 4 5 6 7 8 9 10 | Time: 10:15:31 | | | | |
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graph TD
    A[d8 Review as Trained @ 2023] -- L10044 --> B[Test Complete with Backlog Processing as Trained @ 2023]
    B -- L10044 --> C[In-Checked Container @ 2023]
  
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| Node: | Title: | In-Check Container @ | Number: |
|-------|--------|----------------------|---------|
| | | | Pg 85 |

Process Flow Decomp: RCM Analysis

Used At:
Not Approved for Public Release

Author:
AFLMA Reengineering Team

Project:
Future To Be- Asset Sustainment Pro

Notes:
1 2 3 4 5 6 7 8 9 10

Date:
10/29/98

Rev:
1

Time:
09:58:11

Working
X
Draft
Recommended
Publication

Reader

DATE

Context
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Estimate Failure Hours/Day
7853.1

Compare Fail Hours/Day to MLC Schedule
7854.1

Schedule MLC Prior to Repair
7855.1

Program Repair MLC
7859.1

Requisition Assets for Repair
7863.1

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Compare Fail Hours/Day to MLC Schedule
7854.1

Schedule MLC Prior to Repair
7855.1

Program Repair MLC
7859.1

Requisition Assets for Repair
7863.1

Node:

Title: RCM Analysis

Number: Pg 87

Process Flow Decomp: Mx Tech Performs Pre-Flight Inspection -

| | | | | | | | |
|---|----------|-------------------------------------|-------|----------|-------------|-------------|--|
| Used At: Not Approved for Public Release | Author: | AFLMA Reengineering Team | Date: | 10/29/98 | Working | READER | Context |
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| | Notes: | 1 2 3 4 5 6 7 8 9 10 | Time: | 10:18:00 | Draft | | |
| | | | | | Recommended | | |
| | | | | | | Publication | |


```

graph TD
    A["Mx Tech Removes Flight Crew  
L9561  
2353.1"] --> B["Mx Tech Prepares AC TAW PMA Pre-Flight CLR  
L9561  
2354.1"]
    B --> C["Mx Tech Services AC on Request  
L9562  
2355.1"]
    C --> D["Mx Tech Prepares AC in Pre-Flight Complete  
L9564  
2356.1"]
    D --> E["Mx Tech Prepares PMA and Uploads Data to OBIT  
L9567  
2360.1"]
    D --> F["Mx Tech Prepares PMA and Uploads Data to OBIT  
L9567  
2360.1"]
    E --> G["Mx Tech Prepares PMA and Uploads Data to OBIT  
L9567  
2360.1"]
    F --> G
    G --> H["Mx Tech Prepares PMA and Uploads Data to OBIT  
L9567  
2360.1"]
    H --> I["Mx Tech Prepares PMA and Uploads Data to OBIT  
L9567  
2360.1"]
    
```


| | | | |
|-------|--------|--|---------------|
| Node: | Title: | Mx Tech Performs Pre-Flight Inspection - | Number: Pg 89 |
|-------|--------|--|---------------|

Process Flow Decomp: Mx Mgr Directs Refuel of A/C -

| | | | | |
|--|-------------------------------------|-------------------|--|---|
| Used At: Not Approved for Public Release | Author: AFIMA Reengineering Team | Date: 10/29/98 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| Project: Future To Be-Asset Sustainment Pro | | Rev: 1 | DATE | |
| Notes: 1 2 3 4 5 6 7 8 9 10 | | Time: 10:17:46 | | |

```
graph TD
    A["Mc Mgr Requests Fuel from SCC - 2582.1"] -- L5773 --> B["SCC Coordinates Fuel Delivery - 2583.1"]
    B -- L5774 --> C["Fuel Truck Arrives at AAC - 2584.1"]
    C -- L5775 --> D["Fuel Dispensed - 2585.1"]
    D -- L5776 --> E["Mc Tech Issues Fuel-Filter - 2586.1"]
    E -- L5777 --> F["Fuel Dispensed - 2587.1"]
    F -- L5778 --> G["Automatically Updates Fuel Accounting System - 2588.1"]
    G -- L5779 --> H["Automatically Updates A/C Configuration System - 2589.1"]
    H -- L5780 --> I["Clear Asset Search & Related System - 2590.1"]
    I -- L5781 --> J["Clear Asset Search & Related System - 2591.1"]
```

Process Flow Decom: Maintenance Manager Directs Configuration of A/C -

| | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------------------|--|--|--|----------------------------------|--|--|--|--------|--|------|--|---|-------|--|---|--|---------------|--|
| Used At: Not Approved for Public Release | | Author: Project: Notes: | | AFLMA Reengineering Team Future To Be- Asset Sustainment Pro Rev: 1 1 2 3 4 5 6 7 8 9 10 | | Date: 10/29/98 Time: 10:17:32 | | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | | READER | | DATE | | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. | | | | | | |
| <div>AC is Properly Configured - 396.1</div> <div>Update File with TMA - 397.1</div> <div>Automatic Notification Sent to Command Displays - 2398.1</div> <div>Other Asset Sustained & Initiated Repair to Support Sustainment - 2399.3</div> | | | | | | | | | | | | | | | Node: | | Title: Maintenance Manager Directs Configuration of A/C - | | Number: Pg 94 | |

Process Flow Decomp: Technician Prepares Asset for Shipment*-

| | | | | | | |
|---|-------------------------------------|-------------------|---|--------|------|--|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team | Date: 10/29/98 | Working | READER | DATE | Context |
| Project: Future To Be- Asset Sustainment Pro | Rev: 1 | | <input checked="" type="checkbox"/> Draft | | | Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| Notes: 1 2 3 4 5 6 7 8 9 10 | Time: 10:04:28 | | <input type="checkbox"/> Recommended | | | |
| | | | <input type="checkbox"/> Publication | | | |

Net L0774

Move Package to
Packaging Area-
2345.1

L0805

5
J1217

L0792

Support/Link Error
Asset Bar Code
2312.2

L0804

Package Available
Commercial/Original
Asset Package
2346.1

L0794

Data System is
Updated w/ Asset
Location Information
2312.2

L0806

System Notifies
Shipper Asset Ready
for Shipment
2342.1

Process Flow Decomp: Goes to Wholesale (Depot or Contract) Processing

| | | | | | | | |
|---|---|--|--|------------------------|----------------------|---|--|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team Project: Future To Be- Asset Sustainment Pro Notes: 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 10:02:31 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | Reader | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| | | |
|-------|---|---------------|
| Node: | Title: Goes to Wholesale (Depot or Contract) Processing | Number: Pg 99 |
|-------|---|---------------|

Process Flow Decomp: Maintenance Manager Status Notification-

| | | | | | | |
|---|--|--|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team Project: Future To Be-Asset Sustainment Pro Notes: 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 10:19:18 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | Reader | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| | <div style="text-align: center;"> <pre> graph TD A["Nix Mgr View New AC Status on PDA - 20793.1"] --> B["Auto Notification Sent to Terminal Displays - 20603.1"] B --> C["L9889 11/79"] C --> D["AC Over Notified - 20700.1"] D --> E["L9893 11/96"] E --> F["L9896 11/96"] F --> G["Local Server Relays Data to Central Database - 20853.1"] G --> H["Data Asset Status & Relays Agent Info Sys(115) - 20721.1"] </pre> </div> | | | | | |
| | <div style="text-align: center;"> </div> | | | | | |
| | <div style="text-align: center;"> </div> | | | | | |

Process Flow Decomp: Redball Repair Process-

Used At:
Not Approved for Public Release

Author: AFLMA Reengineering Team

Date: 10/29/88

Project: Future To Be-Asset Sustainment Pro

Rev: 1

Notes: 1 2 3 4 5 6 7 8 9 10

Time: 10:18:59

Working

☒ Draft

☐ Recommended

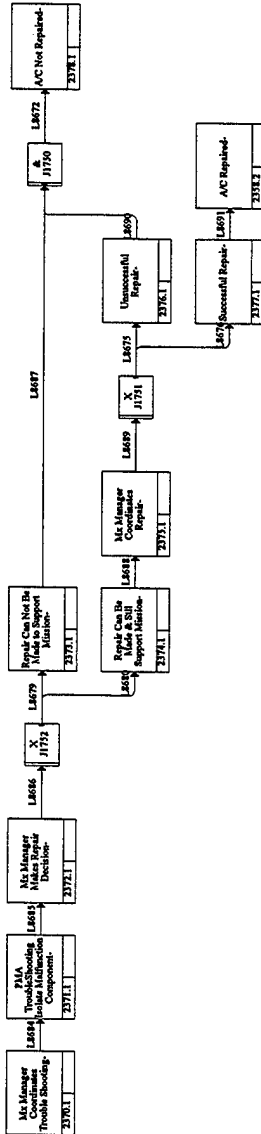
☐ Publication

READER

DATE

Context

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Process Flow Decom: SSC Repair Planning & D035K / AWS Update

| | | | | | | |
|--|---|-------------------|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team | Date: 10/29/98 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| <div>Project: Future To Be- Asset Sustainment Pro Rev: 1</div> <div>Notes: 1 2 3 4 5 6 7 8 9 10 Time: 10:10:38</div> <div><div>EXPRESS Overlay Recommendation in D035K Expense Table</div><div>13127 SSC Ready D035K Expense Table</div><div>683.1</div><div>13522 SSC Phase Repair Schedule</div><div>678.1</div><div>13522 SSC Orders Parts (from Depot Supply)</div><div>678.1</div><div>13528 D035K Modify AWS of Current & Part Requirements</div><div>765.1</div></div> | | | | | | |
| Node: | Title: SSC Repair Planning & D035K / AWS Update | | | | | Number: Pg 105 |

Process Flow Decomp: IM Reviews Requisitions

Process Flow Decomp: Receive Requisition

Process Flow Decomp: D035 Chks if Serv Asset Available

| | | | | | | |
|---|---|--|--|------------------------|----------------------|---|
| Used At: Not Approved for Public Release | Author: AFIMA Reengineering Team Project: Future To Be- Asset Sustainment Pro Notes: 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 10:09:07 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | Reader | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| | <div style="text-align: center;"> </div> | | | | | |
| | | | | | | |
| | | | | | | |
| Node: | Title: D035 Chks If Serv Asset Available | Number: Pg 111 | | | | |

Process Flow Decomp: Serviceable Asset Post Repair Processing

| | | | | | | | |
|--|---|---|--|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: Project: Notes: | AFLMA Reengineering Team Future To Be- Asset Sustainment Pro 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 10:12:01 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| <div>Shop Deliver Serviceable Asset to SSC 729.1</div> <div>SIC Change Classified Change to Z-Serviceable (000356) 1072.1</div> <div>DLA Prepares Asset For Storage or Shipping 1127.1</div> | | | | | | | |
| Node: | Title: Serviceable Asset Post Repair Processing | | | Number: Pg 113 | | | |

Process Flow Decomp: DLA Pulls Unserviceable Asset or Parts Fr Storage

Used At:
Not Approved for Public
Release

Author: AFLMA Reengineering Team
Project: Future To Be- Asset Sustainment Pro
Notes: 1 2 3 4 5 6 7 8 9 10

Date: 10/29/98
Rev: 1
Time: 10:11:24

Working

X

Draft

Recommended

Publication

DATE

READER

Context

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consequences of any use, misuse,
inability to use, or reliance upon the
information contained herein.

D033K Notifies
Auto Warehouse
Sys (A495) at Req

L3124

1083.J

AWS Receives
Pick Ticket

L3124

1084.T

X

3066

L3125

In Line
Requisition

L3138

483.X

DLA Back Pulls
Asset From
Storage
Schedule

L3141

1083.J

DLA Immediately
Pulls Asset from
Storage

L3142

1096.T

Off Line
Requisition

L3139

484.X

X

3067

L3126

AWS Updated

L3129

1088.T

Take Asset to
Warehouse
Technician

L3130

1089.I

Warehouse Tech
Manually Enter
Stock # in D033K

L3130

1090.I

D033K Locks
Stock to
Requirement

L3131

1091.I

D033K Produces
DDI 148-1 &
Associated
Database

L3132

1086.J

Title: DLA Pulls Unserviceable Asset or Parts Fr Storage

Number: Pg 115

Process Flow Decomp: Unserviceable Asset Preparation & Movmnt to Repair

| | | | | | | | |
|---|-------------------------------|---|--|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: Project: Notes: | AFLMA Reengineering Team Future To Be- Asset Sustainment Pro 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/99 Rev: 1 Time: 10:11:41 | Working x Draft Recommended Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| <div>DLA Depack Asset in the Asset Inventory (If Required) 734.1</div> <div>DLA/SSC Depack Asset Inventory (If Required) 735.1</div> <div>Asset Deliver to SSC Only (If Required) On-Depot 736.1</div> <div>Post Asset & DBI146 to Inventory Delivery 737.1</div> | | | | | | | |

Process Flow Decomp: Serviceable Asset Distribution Prioritization

| | | | | | | | |
|---|--|--|-----------------------------------|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: Project: Notes: | AFLMA Reengineering Team Future To Be-Asset Sustainment Pro 1 2 3 4 5 6 7 8 9 10 | Date: Rev: 1 Time: 10:12:29 | Working <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| <div>Y 412 13148 13146 Ship Per UNCLASSIFIED 13150 417 Asset Not Propositioned 6883.1 13155 Ship Per EXPRESS 417 Asset Propositioned 6883.1</div> | | | | | | | |
| Node: | Title: Serviceable Asset Distribution Prioritization | | | | | | Number: Pg 119 |

Process Flow Decomp: DLA Ships Asset

| | | | | | | |
|---|-------------------------------------|-------------------|---|----------------|------|--|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team | Date: 10/29/98 | Working | READER | DATE | Context |
| Project: Future To Be- Asset Sustainment Pro | Rev. 1 | | <input checked="" type="checkbox"/> Draft | | | Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| Notes: 1 2 3 4 5 6 7 8 9 10 | Time: 10:12:45 | | <input type="checkbox"/> Recommended | | | |
| | | | <input type="checkbox"/> Publication | | | |
| <div><div>DLA Over-Packs Shipment (If Required) 746.1</div><div>133146 DLA Disposition Shipping Label DO3180/T 1111.1</div><div>133146 DLA Disposition Carrier 746.1</div><div>33116 DO3180/T Overpack Shipping Label 746.1</div><div>133147 DLA Office Shipping Label 1122.1</div></div> | | | | | | |
| Node: | Title: DLA Ships Asset | | | Number: Pg 121 | | |

Process Flow Decomp: Consumable Requisition & Demand Processing

Process Flow Decomp: DLA Receiving

Used At:
Not Approved for Public
Release

Author: AFLMA Reengineering Team
Project: Future To Be- Asset Sustainment Pro
Notes: 1 2 3 4 5 6 7 8 9 10

Date: 10/29/98
Rev: 1
Time: 10:07:49

Working
X
Draft
Recommended
Publication

READER

DATE

Context
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information contained herein.

Node:

Title: DLA Receiving

Number: Pg 125

[illegible]

Process Flow Decomp: DLA Pulls Serviceable Asset From Storage

| Used At: | Author: | Date: | Working | Reader | DATE | Context |
|---------------------------------|--|----------------|---|--------|------|--|
| Not Approved for Public Release | AFLMA Reengineering Team | 10/29/98 | <input checked="" type="checkbox"/> Draft | | | Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| | Project: Future To Be-Asset Sustainment Pro Rev: 1 | | <input type="checkbox"/> Recommended | | | |
| | Notes: 1 2 3 4 5 6 7 8 9 10 | Time: 10:11:01 | <input type="checkbox"/> Publication | | | |


```

graph TD
    A["D031K Notify Asset Warehouse Sys (AWWS) of Request  
L3632  
T1093.1"] --> B["AWS Produce Pick Ticket  
L3156  
T0642.1"]
    B --> C["COT Line Requisition  
L3149  
T644.4"]
    B --> D["In Line Requisition  
L3150  
T645.5"]
    C --> E["DIA Immediately Pull Asset from Storage  
L3147  
T0782.1"]
    D --> F["DIA Batch Pull Asset If Storage Available  
L3148  
T0852.1"]
    E --> G["AWS Updated  
L3146  
T0842.1"]
    F --> G
    G --> H["Take Asset to Warehouse Technician  
L3154  
T0872.1"]
    H --> I["D031K Match Stock to Requirement  
L3153  
T0917.2"]
    I --> J["D031K Produce Asset Pick Ticket to Adjust Stock Database  
L3151  
T0952.1"]
    J --> K["Warehouse Tech Manually Enter Stock # in D031K Database  
L0973  
T0970.2"]
  
```

Process Flow Decomp: EXPRESS Calculates Repair & Distribution Priority

| Used At: | Author: | AFIMA Reengineering Team | Date: | 10/29/88 | Working | READER | DATE | Context |
|---------------------------------|----------|-------------------------------------|-------|----------|---------|-------------|------|--|
| Not Approved for Public Release | Project: | Future To Be- Asset Sustainment Pro | Rev: | 1 | X | Draft | | Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| | Notes: | 1 2 3 4 5 6 7 8 9 10 | Time: | 10:09:50 | | Recommended | | |
| | | | | | | Publication | | |


```

graph TD
    UAAI[Unreparable Asset Availability Info  
1086.I] -- L3173 --> J612((J612))
    J612 -- L3174 --> EX[EX  
13174]
    DWVP[Data F/W Vehicle Position  
(OODS) (AOH) (OIFSC) (MS)  
678.I] -- L3159 --> J610((J610))
    J610 -- L3161 --> DSD[Depot System Assembly Data  
(7:2300 hrs- Day 1)  
1078.I]
    DSD -- L3162 --> DTD[Depot Transmittal Data to  
AFIC  
1079.I]
    DTD -- L3163 --> ACCD[AFIC Consolidates Data  
from ALCS  
1080.I]
    ACCD -- L3164 --> ABED[AFIC Buildup EXPRESS Data  
Base  
1081.I]
    ABED -- L3165 --> ATDB[AFIC Transmittal Database to  
ALCS by 0600 hrs- Day 2  
1082.I]
    ATDB -- L3166 --> DBED[Depot Base EXPRESS by  
0100 hrs- Day 3  
1083.I]
    DBED -- L3167 --> J611((J611))
    J611 -- L3169 --> ERL[EXPRESS Repair List  
1085.I]
    ERL -- L3172 --> J612
    ERL -- L323 --> EDL[EXPRESS Distribution List  
1084.I]
  
```

| | | | | | | | |
|---|-------------------------------|---|--|---|--------|------|---|
| Used At: Not Approved for Public Release | Author: Project: Notes: | AFLMA Reengineering Team Future To Be-Asset Sustainment Pro Rev: 1 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 10:09:50 | Working X Draft Recommended Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| <div><div><div>13174</div><div>EXPRESS Repair Responsibility Check</div><div>1103.1</div></div><div>13118</div><div>PA 650 & Shop Review EXPRESS Repair List</div><div>098.1</div></div> <div><div>13228</div><div>Scrubbed Repair List Completed by 1600 hrs - Day</div><div>1110.1</div></div> <div><div>13229</div><div>X R634</div></div> | | | | | | | |

13209

Process Flow Decomp: Disposable

| | | | | | | |
|---|--|----------------|---------------|--------|------|---|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team | Date: 11/12/97 | Working | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| | Project: Future To Be- Asset Sustainment Pro | Rev: 1 | Draft | | | |
| | Notes: 1 2 3 4 5 6 7 8 9 10 | Time: 15:45:07 | Recommended | | | |
| | | | x Publication | | | |

| | | |
|-------|-------------------|----------------|
| Node: | Title: Disposable | Number: Pg 133 |
|-------|-------------------|----------------|

Process Flow Decomp: Tech Scans 1348 Requisition w/SATS @

| | | | | | | | | |
|---|----------|-------------------------------------|----------------|--|-------------|--------|------|---------|
| Used At: Not Approved for Public Release | Author: | Date: 5/13/98 | x | | Working | READER | DATE | Context |
| | Project: | Future To Be- Asset Sustainment Pro | Rev: 1 | | Draft | | | |
| | Notes: | 1 2 3 4 5 6 7 8 9 10 | Time: 08:25:10 | | Recommended | | | |
| | | | | | Publication | | | |
| | | | | | | | | |

```

graph TD
    L1001[ ] -- L1001 --> SSS1[SSS Sends Notification to ATAC-A  
2745.1]
    SSS1 -- L1001 --> SSS2[SSS Sends Notification to SCOS  
2746.1]
    SSS2 -- L1001 --> SSS3[SSS Checks Back in From SCOS  
2745.1]
    SSS3 -- L1001 --> SSS4[SSS Load/Admits Back Record  
2745.1]
  
```

Process Flow Decomp: Tech Finds Asset Discrepancies @

| Used At: | Author: | Date: | 5/13/88 | Working | READER | DATE | Context |
|---------------------------------|----------|--|----------------|-------------|--------|------|---------|
| Not Approved for Public Release | Project: | Future To Be- Asset Sustainment Pro Rev: 1 | | Draft | | | |
| | Notes: | 1 2 3 4 5 6 7 8 9 10 | Time: 08:25:09 | Recommended | | | |
| | | | | Publication | | | |

| | | | | | | | |
|---|-------------------------------|---|----------------|---|----------------|------|---------|
| Used At: Not Approved for Public Release | Author: Project: Notes: | Date: 5/13/98 Future To Be- Asset Sustainment Pro Rev: 1 1 2 3 4 5 6 7 8 9 10 | Time: 08:25:09 | <input checked="" type="checkbox"/> Working <input type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | READER | DATE | Context |
| <div>903 Asset is Considered Unrecoverable @ 2008.1</div> | | | | | | | |
| Node: | | Title: Tech Finds Asset Discrepancies @ | | | Number: Pg 139 | | |

Process Flow Decomp: Trans Processes Discrepancy Claim @

Used At:
Not Approved for Public Release

Author:
Project:
Notes:

Date: 10/29/98
Future To Be-Asset Sustainment Pro Rev: 1
Time: 10:15:56

1 2 3 4 5 6 7 8 9 10

Working
Draft
Recommended
Publication

DATE

Context
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Trans Receives
Gas
Documentation @
2778.1

L10064

2780.3

L10091

Trans Pwd
Procedures
Various Agencies
for Action @
2778.1

L10092

Gas: DPAS
Acting (16) @
2778.1

L10066

Carrier Inspects
Location @
2777.1

L10070

Carrier Valves
Inspection @
2778.1

L10069

Carrier Inspects
Location @
2777.1

L10074

Carrier 3 Div
Holding Period
Expires @
2779.1

L10077

Carrier Sends
Report to Trans @
2776.1

L10073

Trans Pwd Dier
Instructions to Tech
@
2778.1

L10076

X
27031

L10073

X
27034

Node:

Title: Trans Processes Discrepancy Claim @

Number: Pg 141

Process Flow Decomp: Tech Finds Container Discrepancies @

| | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--------|--|------|--|---|--|
| Used At: Not Approved for Public Release | | Author: Project: Future To Be- Asset Sustainment Pro Notes: 1 2 3 4 5 6 7 8 9 10 | | Date: 10/29/98 Rev: 1 Time: 10:15:42 | | Working <input type="checkbox"/> Draft <input checked="" type="checkbox"/> Recommended <input type="checkbox"/> Publication | | Reader | | DATE | | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. | |
|---|--|--|--|--|--|--|--|--------|--|------|--|---|--|

☐ L1001
☐ J002
☐ L1003
☐ L1004
☐ L1005
☐ L1006
☐ L1007
☐ L1008
☐ L1009
☐ L1010
☐ L1011
☐ L1012
☐ L1013
☐ L1014
☐ L1015
☐ L1016
☐ L1017
☐ L1018
☐ L1019
☐ L1020
☐ L1021
☐ L1022
☐ L1023
☐ L1024
☐ L1025
☐ L1026
☐ L1027
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Process Flow Decomp: D035A Audits Requisition for Data Field Accuracy

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|--|-------------------------------------|-------------------|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team | Date: 10/29/98 | Working x Draft Recommended Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| Project: Future To Be-Asset Sustainment Pro | Rev: 1 | Time: 10:08:18 | | | | |
| Notes: 1 2 3 4 5 6 7 8 9 10 | | | | | | |

| | | |
|-------|--|-------------------|
| Node: | Title: D035A Audits Requisition for Data Field Accuracy | Number: Pg 145 |
|-------|--|-------------------|

Process Flow Decomp: DLA Prepares Asset For Storage or Shipping

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|---|-------------------------------|---|--|---|--------|------|---|
| Used At: Not Approved for Public Release | Author: Project: Notes: | AFLMA Reengineering Team Future To Be- Asset Sustainment Pro 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 10:12:11 | Working x Draft Recommended Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
|---|-------------------------------|---|--|---|--------|------|---|

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436

L3319

DLA Field Asset On Road Site Location

797.1

L3321

DLA Field Asset From SSC to DLA Receiving

791.1

L3330

X

437

L3333

DLA Receiving for Being On Road Site Location

792.1

L3339

DLA Field Asset (If Required)

1079.1

L3327

DLA Field Asset Deliv to SSC & Deliv to DLA Receiving

798.1

| | | |
|-------|---|----------------|
| Node: | Title: DLA Prepares Asset For Storage or Shipping | Number: Pg 147 |
|-------|---|----------------|

Process Flow Decomp: DLA Determines Carrier

Process Flow Decomp: DLA Tech Manually Inputs Asset Info into D035K

| | | | | | |
|---|-------------------------------------|------------------|---------------|--------|---------|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team | Date: 2/25/98 | Working | READER | Context |
| Project: Future To Be-Asset Sustainment Pro Rev. 1 | | | Draft | | |
| Notes: 1 2 3 4 5 6 7 8 9 10 | | Time: 08:44:07 | Recommended | | |
| | | | x Publication | | |

The diagram illustrates a data flow or relationship structure. It begins with a box on the left labeled 'DLA Tech Views' containing 'DD13144-1' and 'DD13144-1'. An arrow points from this box to a central vertical column of boxes. The central column contains several boxes, including 'Tech Entries' with 'DD13144-1' and 'DD13144-1', 'Tech Entries' with 'DD13144-1' and 'DD13144-1', 'Tech Entries' with 'DD13144-1' and 'DD13144-1', 'Tech Entries' with 'DD13144-1' and 'DD13144-1', and 'Tech Entries' with 'DD13144-1' and 'DD13144-1'. Arrows point from these central boxes to other boxes on the right, including 'Stock Number' and 'DLA Research'. The diagram is oriented vertically on the page.

| | | |
|-------|---|----------------|
| Node: | Title: DLA Tech Manually Inputs Asset Info Into D035K | Number: Pg 151 |
|-------|---|----------------|

Process Flow Decomp: EXPRESS Runs Supportability Check

| | | | | | | | | | | |
|---|--|----------------|---|--------|--------------------------------|----------------|--|--------|------|---|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team | Date: 10/29/98 | Project: Future To Be- Asset Sustainment Pro | Rev: 1 | Notes: 1 2 3 4 5 6 7 8 9 10 | Time: 10:10:02 | Working x Draft Recommended Publication | READER | DATE | Context Neither the US Gov't or Intergraph has any responsibility or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| <pre> graph LR A[EXPRESS Checks for Supportability Availability 110531] --> B[EXPRESS Checks for Part Availability 110631] A --> C[EXPRESS Checks for Shop Capacity 110731] B --> D[EXPRESS Checks for Supportability Availability 110641] C --> D </pre> | | | | | | | | | | |
| Node: | Title: EXPRESS Runs Supportability Check | | | | | Number: Pg 153 | | | | |

Process Flow Decomp: FM, SSC, & Shop Review EXPRESS Repair List

| | | | | | | |
|---|---|---|--|----------------|------|--|
| Used At: Not Approved for Public Release | Author: AFLMA Reengineering Team Project: Future To Be- Asset Sustainment Pro Notes: 1 2 3 4 5 6 7 8 9 10 | Date: 10/29/98 Rev: 1 Time: 10:10:17 | Working X Draft Recommended Publication | READER | DATE | Context Neither the US Govt or Intergraph has any responsibilities or liability for any consequences of any use, misuse, inability to use, or reliance upon the information contained herein. |
| <div>Manual Validations of EXPRESS Supportability List 1108.1</div> <div>Check if User CRU Inhibit Test Failed 238.1</div> <div>11974</div> <div>11975</div> <div>Service Assets Are Available in CRU Inhibited 1089.1</div> <div>11976</div> <div>Service Assets Are Available in CRU Inhibited 1090.1</div> <div>11977</div> <div>MM Works Problem 13181</div> <div>665.1</div> <div>11978</div> <div>MM Can Not Locate User's Problem 1095.1</div> <div>11979</div> <div>Check if Data Availability Test Failed 660.1</div> <div>11980</div> <div>Check if Data Availability Test Failed 661.1</div> <div>11981</div> <div>Peris Available 1087.1</div> <div>11982</div> <div>Peris Not Available 1088.1</div> <div>11983</div> <div>Shop Service Center Works Problem 666.1</div> <div>11984</div> <div>SSC Can Not Locate User's Problem 1098.1</div> <div>11985</div> <div>SSC Can Not Locate User's Problem 1099.1</div> <div>11990</div> <div>Check if Shop Center Works Problem 667.1</div> <div>11991</div> <div>SSC Can Not Locate User's Problem 1099.1</div> | | | | | | |
| Node: | | Title: FM, SSC, & Shop Review EXPRESS Repair List | | Number: Pg 155 | | |

Process Flow Decomp: Supply Processes Discrepancy Claim @

| | | | | | | |
|---|---|--|---|--------|------|----------------|
| Used At: Not Approved for Public Release | Author: Project: Notes: | Date: 5/13/98 Future To Be-Asset Sustainment Pro Rev: 1 1 2 3 4 5 6 7 8 9 10 Time: 08:25:10 | <input checked="" type="checkbox"/> Working <input type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | READER | DATE | Context |
| <div><div>Supply Receive Preparation from Tech @ 778X.1</div><div>Supply Initiates Request Report @ 778X.1</div><div>SPY Send Rpt to SAC Command SAC CofA #778 778X.1</div><div>Supply Receive Disposition Instruction @ 778X.1</div></div> | | | | | | |
| Node: | Title: Supply Processes Discrepancy Claim @ | | | | | Number: Pg 158 |

Process Flow Decomp: Tech Scans Asset (w/Discrepancy) with SATS @

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|--|-------------------------------|--|---|--------|------|---------|
| Used At: Not Approved for Public Release | Author: Project: Notes: | Date: 5/13/98 Future To Be-Asset Sustainment Pro Rev: 1 1 2 3 4 5 6 7 8 9 10 Time: 08:25:10 | <input checked="" type="checkbox"/> Working <input type="checkbox"/> Draft <input type="checkbox"/> Recommended <input type="checkbox"/> Publication | READER | DATE | Context |
|--|-------------------------------|--|---|--------|------|---------|

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graph TD
    A[Tech Scans Asset Label w/ SATS  
2759.1] --> B[Tech Enter Asset Discrepancy in SATS  
2758.1]
    B --> C{L10007  
2759.1}
    C --> D[L10008  
2759.1]
    C --> E[L10009  
2758.1]
    D --> F[SATS Update CMVS Update Discrepancy Data  
2757.1]
    F --> G[Geo: Asset Sum & Related Asset Info Sp4 (11575)  
2756.1]
    E --> H[SATS Update SSSS w/Asset Discrepancy Data  
2755.1]
    H --> I[SSSS Post to Asset Discrepancy Data  
2753.1]
      
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Title: Tech Scans Asset (w/Discrepancy) with SATS @

Number: Pg 180

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